DOCUMENT RESUME

ED 026 992 JC 690 027

Curriculum Guides for Two-Year Institutions.
Southern Illinois Univ., Carbondale.
Pub Date [68]
Note-114p.
EDRS Price MF-$0.50 HC-$5.80
Descriptors-*Articulation (Program), Curriculum Guides, *Graduation Requirements, *Junior Colleges, *Transfer Students
Identifiers-*Illinois

Although prepared particularly for students who plan to transfer to Southern Illinois University, these curriculum guides may serve as a model for other 2-year colleges preparing similar material. The document includes evaluation procedures. Evaluation of the student's satisfaction of academic credit and major requirements is part of his advisement process. Credit transferred from an accredited 2-year institution is limited only in that the student must earn the last 96 hours required for his degree at Southern Illinois University or another approved 4-year institution. He must also meet the University's residence requirements. The grades acceptable for graduation are also explained. (HH)

EDO 26992

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SOUTHERN ILLINOIS UNIVERSITY

CARBONDALE CAMPUS

# Curriculum Guides

# for

# Two-Year Institutions

JC 690 027

UNIVERSITY OF CALIF.
LOS ANGELES

FEB 20 1968

CLEARINGHOUSE FOR
JUNIOR COLLEGE
INFORMATION

# PREFACE

Southern Illinois University is forwarding this Curriculum Guide publication to you with the hope that both you and your students will find it useful in determining the courses they should take while at your institution so as to make their curricular adjustment to Southern as effective as possible.

Included in the publication are the suggested courses as taken from Curriculum Guides in use at the Carbondale Campus of the University. Your Guides contain the subject of the course rather than the course number or abbreviated title; we hope this will be more meaningful for you.

Curriculum Guides are provided for practically all undergraduate baccalaureate programs. As these Guides are changed or as the missing few are prepared, we will forward them to you for emplacement in your publication. We will also supply you, upon request, with sufficient copies of each of the Guides so that you may distribute them to your students for their use depending upon what their interests may be.

We hope you will find this document useful. Should you have questions, suggestions, need for more Guides for your students, etc., please let us know. You may do this by writing to the Director of Admissions, Southern Illinois University, Carbondale, Illinois 62901. Mr. Jerre Pfaff is the incumbent.

Sincerely yours,

Robert A. McGrath
Registrar
Carbondale Campus

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# EVALUATION PROCEDURES

This publication has been prepared to assist two-year college counselors in counseling students who are planning to transfer to Southern Illinois University. Frequently students are interested in knowing what courses are required or suggested for a particular major; it is hoped that this booklet will help answer that question. The procedures followed in evaluating a student's transfer credits and determining what requirements have been satisfied are discussed below.

After a transfer student has been admitted, his transfer work is evaluated in the Registrar's Office. This evaluation covers the student's extent of satisfaction of general degree and general studies requirements. Copies of this evaluation are mailed to the student and to the academic advisement center of the academic unit he will be entering at Southern.

Evaluation of the student's satisfaction of academic unit and major requirements takes place as part of his advisement process. At the time of the student's first advisement he should seek specific information from his adviser as to what he needs to do to receive that information.

The present policy followed by Southern Illinois University regarding transfer of credit from two-year institutions and how that credit is evaluated so far as satisfaction of general University and general studies requirements are set forth below.

Credit transferred on or after June 1, 1967 from an accredited two-year institution is limited only by the provision that the student must earn the last 96 quarter hours required for the degree at Southern Illinois University or at any other approved four-year institution. In addition, the student must meet the University's residency requirement.

All work presented, whether or not accepted towards the 192 hours for graduation, is entered on the student's record and is evaluated for its satisfying of specific university, academic unit, or major requirements. In accepting credits for graduation requirements, three-fourths must be of C quality or better. If a greater quantity of D work is presented, it may be used toward satisfying specific related course requirements even though it will not apply to the amount needed for graduation.

When evaluating transfer work for the satisfying of general studies requirements, the following principles are employed:

1. General Studies Areas A, B, and C corresponding generally to sciences, social sciences, and humanities, each require 22 quarter (15 semester) hours. If transfer work in each of these areas totals 22 quarter hours with work in three different subjects, the student is considered as having met that area requirement even though he may not have taken the particular sequences or subject matter as required for Southern's students. In Area A, the stipulation is made that the three subjects presented must include work in both the biological and physical sciences, otherwise, the student must take a course in the science area he lacks.

2. If fewer than 22 quarter hours in an area are presented, the student needs to complete the number which will bring the total to 22. This is to be done by the taking of general studies courses which will be nonduplicative of the transfer work.

3. A student whose specialization lies within one of the areas (A, B, or C) may find it possible to waive six quarter (4 semester) hours of that area on the 300 (junior) level. Thus, a total of 16 quarter (11 semester) hours would be required.

4. Area D requires a total of 18 quarter (12 semester) hours in the Organization and Communication of Ideas. This embraces English, speech and foreign language or mathematics. Nine of the hours must consist of six quarter hours of English composition and three quarter hours of speech; the other eight quarter hours are either foreign language or mathematics. A special note should be made that during the Summer of 1966, the General Studies Committee authorized a change in course arrangement whereby nine quarter hours of English composition are required on the Carbondale campus with three of these hours being in a combination of composition and literature. A transfer student who presents nine quarter hours of English composition or a combination composition and literature course will satisfy this requirement. (A straight literature course will not satisfy this requirement but will be acceptable for other purposes).

5. Area E of general studies requires 3 quarter hours of physical education activities and 3 quarter hours of health education.

Other information that might be of assistance to the transferring student includes:

1. A student entering the University with fewer than 64 quarter hours is placed within the General Studies Division, unless he is entering the Vocational-Technical Institute. Students with more than 64 quarter hours are admitted to one of the professional colleges or schools within the University provided they have declared a major. Students who are undecided about their major may be placed within the General Studies Division even though they have more than 64 quarter hours.

2. A transfer student interested in obtaining a teaching certificate should know that admission to the University and to an academic unit does not admit him to the formal teacher education program. This must be done through the dean's office of the College of Education. To be eligible for the formal teacher education program a student must have a minimum of 64 quarter hours of credit and the following grade point average: 64 through 102 quarter hours, a 3.000 average; 108 through 143 quarter hours, a 3.10 average; and, more than 143 quarter hours, a 3.20 average. Provisional admission may be granted to a student having 103 through 143 quarters and a 3.000 average with a 3.20 average in the teaching specialization, or for a student with more than 143 quarter hours who has a 3.10 through 3.19 average with a 3.30 average in his teaching specialization. For further information write the Dean of the College of Education.

3. As Southern requires a certain number of hours to be taken in junior and senior level courses (64 quarter hours total) transfer students should seek to take upper division general studies courses to satisfy first or second year course requirements when they have had some instruction in the given area. This permits the student to meet both requirements by the taking of one course.

4. The General Studies Program has a rather generous system of granting advance standing. A transfer student, particularly one with a good academic record, should seek to satisfy basic general studies requirements he may have by-passed by this method whenever possible. This does not grant credit (see part 3 below).

5. The University has a proficiency examination program covering practically all areas of undergraduate instruction. Transfer students should seek to earn credit hours through this procedure whenever possible.

GENERAL STUDIES (AREAS A/B/C)
("OR" expresses a choice of sequence)

MAN'S PHYSICAL ENVIRONMENT AND BIOLOGICAL ORIENTATION

AREA A - 22 quarter hours

Freshman Level - 8 hours

| | | |
|---|---|---|
| Introduction to Physical Science-4 | and | Introduction to Physical Science-4 |
| OR | | |
| Earth Science-4 | and | Earth Science-4 |

Sophomore Level - 8 hours

| | | |
|---|---|---|
| Introductory Biology-4 | and | Introductory Biology-4 |
| OR | | |
| Environmental Biology-4 | and | Environmental Biology-4 |

Junior Level - 6 hours (Two of the following courses)

- Principles of Physiology-4
- Psychobiological Foundations of Behavior-3
- Fauna, Flora, and Wild Flowers-3
- Development of Atomic Energy-3
- Conservation of Natural Resources-3
- Evolution-3
- Man's Genetic Heritage-3
- History of Biology-3
- Introduction to Paleontology-3
- Introduction to Rocks and Minerals-3
- Weather-3
- Climate-3
- Ecology-3
- Economic Botany-3
- Analysis of Physical Systems-4
- Physics of Music and Acoustics-3
- Philosophy of Science-3

Students may not take both 230 and 231 for credit.
Students may take 234, 3430 or 235, 3434 but not both

MAN'S SOCIAL ORIENTATION AND SOCIAL RESPONSIBILITIES

AREA B - 22 quarter hours

Freshman Level - 8 hours

| | | |
|---|---|---|
| Western Civilization-4 | and | Western Civilization-4 |
| OR | | |
| Introduction to Anthropology-4 | and | World Geography-4 |

Sophomore Level - 8 hours

| | | |
|---|---|---|
| Introductory Sociology-4 | and | General Psychology-4 |
| OR | | |
| Introductory Economics-4 | and | American Government-4 |

Junior Level - 6 hours (Two of the following courses)

- History of the United States-3
- Law: Comparative Legal Systems-3
- Law: Civil Rights-3
- Law: History and Philosophy-3
- International Relations-3
- Economic Development of United States-3
- Comparative Economic Systems-3
- Economics of War and Peace-3
- Economic Analysis of Agricultural Policies of United States-3
- Modern Britain-4
- Socialization of Individual-3
- East and West in 20th Century-3
- Race and Minority Relations-3
- American Educational Systems-3
- Marriage-3
- American Foreign Policy-3
- Industrial Economic Geography-3
- Fundamentals of Decision Making-3
- Contemporary Political Issue-3
- Introduction to Comparative Government-3
- Introductory Latin American Government and Politics-3
- Contemporary Far East-3
- East Europe-4

## GENERAL STUDIES COURSE PATTERNS

### MAN'S INSIGHTS AND APPRECIATIONS

AREA C - 22 quarter hours

Freshman Level - 9 hours

Music Understanding-3
OR
Art Appreciation-3 and Philosophy (Ethics)-3 and Composition-Literature-3
OR
Western Humanities-3 and Western Humanities-3 and Western Humanities-3

Sophomore Level - 7 hours (A minimum of 7 hours and one course from each of the two groups)

Oral Interpretation of Literature-4
or
Introduction to Drama-3
or
Theater Arts -3
or
Meaning and Visual Arts-4
or
Design-4
or
Foundations of Music-3

and

Introduction to Poetry-3
or
Philosophy-3
or
Logic-4
or
Modern Literature-4
or
Introduction to Fiction-3

or

Oriental Humanities-9

Junior Level - 6 hours (Two of the following courses)

Contemporary French Drama-3
Early Islamic Culture and Civilization-3
Religious Foundations of Western Civilization-3
Philosophies and Religions of India-3
Recent American Literature-3
Modern British Literature-3
Greek Literature in Translation-3
Classical Drama-3
The Bible as Literature-3
Art of the 19th Century-3
Art of the 20th Century-3
Art of the Mid 20th Century-3
Masterpieces of World Literature-9
Photography as Communication and Art-3
The Cinema-3
Masterpieces of the Novel-6
History of Theater-6
Music History and Literature-9
Philosophy of Science-6
Shakespeare-3
Greek Philosophy-3
Graeco-Roman and Medieval Philosophies-3
Early Modern Philosophy-3
Early American Philosophy-3
Recent American Philosophy-3

## GENERAL STUDIES COURSE PATTERNS

### ORGANIZATION AND COMMUNICATION OF IDEAS

AREA D - 18 quarter hours

First Sequence - 9 hours

| | | | | |
|---|---|---|---|---|
| English Composition-3 | and | English Composition-3 | and | Principles of Speech-3 |

Second Sequence - 9 hours

| | | | | |
|---|---|---|---|---|
| Fundamentals of Mathematics-3 | and | Fundamentals of Mathematics-3 | and | Fundamentals of Mathematics-3 |

OR

| | | | | |
|---|---|---|---|---|
| Fundamentals of Mathematics-3 | and | Fundamentals of Mathematics-3 (for Business, Economics, and Agriculture majors) | and | Economic and Business Statistics-3 |

OR

A three-term sequence in a Foreign Language.

### HEALTH AND PHYSICAL DEVELOPMENT

AREA E - 6 quarter hours

Freshman-Level - 3 hours

Three hours of physical activity courses

Sophomore-Level - 3 hours

Health Education-3

ACCOUNTING
SCHOOL OF BUSINESS

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Introduction to Physical Science | 4 | History (Western Civilization) | 4 |
| Music Understanding or Art Appreciation | 3 | Philosophy (Ethics) | 3 | World Literature for Composition | 3 |
| English Composition | 3 | English Composition | 3 | Speech | 3 |
| College Algebra & Trigonometry[1] | 5 | College Algebra & Trigonometry | 5 | Business Statistics | 3 |
| Physical Education | 1 | Physical Education | 1 | Health Education | 3 |
| | 16 | | 16 | Physical Education | 1 |
| | | | | | 17 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| History (Western Civilization) | 4 | Introductory Biology | 4 | Introductory Biology | 4 |
| Elementary Calculus | 5 | Introductory Sociology | 4 | General Psychology | 4 |
| Principles of Accounting | 4 | Principles of Accounting | 4 | Introduction to Drama | 3 |
| Economics (Macro) | 4 | Economics (Micro) | 4 | Managerial Accounting | 4 |
| | 17 | | 16 | | 15 |

[1] All majors in the School of Business are required to meet the above math requirements.

This program will complete all of the general studies requirements except ten quarter hours of humanities and six quarter hours of science. Accounting majors are permitted to waive six quarter hours of social studies at the junior level.

Students who are unable to take any of the professional courses listed above should attempt to complete their general studies requirements.

AGRICULTURE ECONOMICS
SCHOOL OF AGRICULTURE

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Music Understanding or Art Appreciation | 3 | Introduction to Physical Science | 4 | Introduction to Physical Science | 4 |
| English Composition | 3 | Philosophy (Ethics) | 3 | World Literature for Composition | 3 |
| Fundamentals of Mathematics or College Algebra and Trigonometry | 3-5 | English Composition | 3 | Business Statistics[3] | 3 |
| Introduction to Agricultural Economics[1] | 4 | Fundamentals of Mathematics or College Algebra and Trigonometry[2] | 3-5 | Introductory Study of Soils | 4 |
| Physical Education | 1 | Animal Husbandry or Dairy Husbandry | 4 | Physical Education | 1 |
| | 14-16 | | 17-19 | | 15 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introductory Biology | 4 | Introductory Biology | 4 | Introduction to Drama | 3 |
| History (Western Civilization) | 4 | American Government | 4 | Farm Management | 5 |
| Speech | 3 | History (Western Civilization) | 4 | Field Crop Production | 4 |
| Feeds and Feeding | 4 | Principles of Accounting | 4 | Economics (Macro) | 4 |
| | 15 | Physical Education | 1 | | 16 |
| | | | 17 | | |

1 This course will substitute for Introduction to Economics.

2 If student takes College Algebra and Trigonometry sequence, Philosophy would be taken during another quarter.

3 Students must take Business Statistics whether they take Fundamentals of Math or College Algebra and Trigonometry.

The above program will complete all of the general studies requirements except ten quarter hours of humanities, six quarter hours of science and six quarter hours of social studies. Agriculture Economics majors may waive either six quarter hours of science or social studies at the junior level.

Transfer students are required to have by graduation a minimum of one course in each of the following: College Algebra, Botany or Biology, Chemistry, Economics, and Speech.

AGRICULTURAL EDUCATION
SCHOOL OF AGRICULTURE

## First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Introduction to Physical Science or General Chemistry | 4-5 | History (Western Civilization) | 4 |
| Fundamentals of Mathematics or College Algebra and Trigonometry | 3-5 | Fundamentals of Mathematics or College Algebra and Trigonometry | 3-5 | World Literature for Composition | 3 |
| English Composition | 3 | English Composition | 3 | Fundamentals of Mathematics or Business Statistics[2] | 3 |
| Animal Husbandry | 4 | Introduction to Agricultural Economics[1] | 4 | Introductory Study of Soils | 4 |
| Physical Education | 1 | Physical Education | 1 | Speech | 3 |
| | 15-17 | | 15-18 | | 17 |

## Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introductory Biology | 4 | Introductory Biology | 4 | Science or Social Studies Elective[3] | 3 |
| History (Western Civilization) | 4 | General Psychology | 4 | Philosophy (Ethics) | 3 |
| Music Understanding or Art Appreciation | 3 | American Government | 4 | Introduction to Drama or Theatre Arts | 3-4 |
| Feeds and Feeding | 4 | Physical Education | 1 | Health Education | 3 |
| | | Introduction to Agricultural Education | 2 | Field Crop Production | 4 |
| | 15 | | 15 | | 16-17 |

1 This course will substitute for Introduction to Economics.

2 Students who complete College Algebra and Trigonometry sequence are not required to take either of these two courses.

3 Agricultural Education majors may waive either six quarter hours of science or social studies at the junior level.

The above program will complete all of the general studies requirements except three quarter hours of science or social studies (Note: waiver privilege) and ten quarter hours of humanities. Students who are unable to take any of the above professional courses are encouraged to complete their general studies requirements.

Transfer students are required to have by graduation a minimum of one course in each of the following: College Algebra, Botany or Biology, Chemistry, Economics, and Speech.

AGRICULTURE, GENERAL
SCHOOL OF AGRICULTURE

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Introduction to Physical Science or General Chemistry | 4-5 | World Literature for Composition | 3 |
| English Composition | 3 | English Composition | 3 | History (Western Civilization) | 4 |
| Fundamentals of Mathematics or College Algebra and Trigonometry | 3-5 | Fundamentals of Mathematics or College Algebra and Trigonometry | 3-5 | Speech | 3 |
| Animal Husbandry | 4 | Elementary Poultry Production or Introduction to Agricultural Economics[1] | 4 | Fundamentals of Mathematics or Business Statistics[2] | 3 |
| Physical Education | 1 | Physical Education | 1 | Introductory Study of Soils | 4 |
| | 15-17 | | 15-18 | | 17 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introductory Biology | 4 | Introductory Biology | 4 | Logic | 4 |
| History (Western Civilization) | 4 | American Government | 4 | Health Education | 3 |
| Music Understanding or Art Appreciation | 3 | Philosophy (Ethics) | 3 | Agriculture Electives | 8 |
| Agriculture Elective | 4-6 | Physical Education | 1 | | 15 |
| | 15-17 | Agriculture Elective | 4 | | |
| | | | 16 | | |

1 This course will substitute for Introduction to Economics.

2 Students who take College Algebra and Trigonometry sequence are not required to take Fundamental of Mathematics or Business Statistics.

The above program will complete all of the general studies requirements except nine quarter hours of humanities, six quarter hours of science and six quarter hours of social studies. Agricultural, General majors may waive either six quarter hours of science or social studies at the junior level.

Students who are unable to take any of the professional courses listed above should attempt to complete their general studies requirements.

Transfer students are required to have by graduation a minimum of one course in each of the following: College Algebra, Botany or Biology, Chemistry, Economics, and Speech.

AGRICULTURAL MECHANIZATION
SCHOOL OF AGRICULTURE

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| History (Western Civilization) | 4 | History (Western Civilization) | 4 | Introduction to Physical Science | 4 |
| English Composition | 3 | Music Understanding or Art Appreciation | 3 | Speech | 3 |
| Physical Education | 1 | English Composition | 3 | World Literature for Composition | 3 |
| Mathematics (College Algebra and Trigonometry) | 5 | Physical Education | 1 | Physical Education | 1 |
| Introduction to Agricultural Economics[1] | 4 | Mathematics (College Algebra and Trigonometry) | 5 | Animal Husbandry | 4 |
| | 17 | | 16 | | 15 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Introductory Biology | 4 | Introductory Biology | 4 |
| Philosophy (Ethics) | 3 | American Government | 4 | Health Education | 3 |
| Introduction to Drama | 3 | Modern Literature | 4 | Agricultural Marketing | 3 |
| Feeds and Feeding | 4 | Graphic Communication | 3 | Principles of Surveying | 4 |
| | 14 | | 15 | Introductory Study of Soils | 4 |
| | | | | | 18 |

[1] This course will substitute for Introduction to Economics.

The above program will complete all of the general studies requirements except six quarter hours of science, six quarter hours of social studies, and six quarter hours of humanities. Agricultural Mechanization majors are permited to waive either six quarter hours of social studies or science at the junior level.

Students who are unable to take the professional courses listed above such as Introduction to Agricultural Economics, Animal Husbandry, Feeds and Feeding, etc., should attempt to take courses that will complete their general studies requirements as indicated above.

Transfer students are required to have by graduation a minimum of one course in each of the following: College Algebra, Botany or Biology, Chemistry, Economics, and Speech.

ANIMAL INDUSTRIES
SCHOOL OF AGRICULTURE

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | History (Western Civilization) | 4 | Music Understanding or Art Appreciation | 3 |
| History (Western Civilization) | 4 | English Composition | 3 | World Literature for Composition | 3 |
| English Composition | 3 | Mathematics (College Algebra and Trigonometry)[1] | 5 | Mathematics (College Algebra and Trigonometry) | 5 |
| Physical Education | 1 | Elementary Poultry Production or Dairy Husbandry | 4 | Physical Education | 1 |
| Animal Husbandry or Dairy Husbandry | 4 | | | Elementary Poultry Production or Dairy Husbandry | 4 |
| | 16 | | 16 | | 16 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Economics | 4 | Introductory Biology | 4 | Introductory Biology | 4 |
| Philosophy (Ethics) | 3 | American Government | 4 | Introduction to Drama | 3 |
| Physical Education | 1 | Chemistry (Organic) | 4-5 | Speech | 3 |
| Agriculture Elective | 4-5 | Feeds and Feeding or Agriculture Elective | 4 | Health Education | 3 |
| General and Inorganic Chemistry | 4-5 | | | Agricultural Marketing or Agricultural Elective | 3-4 |
| | 16-18 | | 16-17 | | 16-17 |

1 College Algebra and Trigonometry sequence is recommended. However, students may substitute nine quarter hours of Fundamentals of Mathematics in lieu of the Algebra-Trigonometry sequence.

The above program will complete all of the general studies requirements except six quarter hours of science and ten quarter hours of humanities. Animal Industries majors are permitted to waive six quarter hours of social studies at the junior level.

Students who are unable to take the professional courses listed above such as Animal Husbandry or Dairy Husbandry, Elementary Poultry Production or Dairy Husbandry, etc. should attempt to take science and humanities courses that will complete the general studies requirements as indicated above.

Transfer students are required to have by graduation a minimum of one course in each of the following: College Algebra, Botany or Biology, Chemistry, Economics, and Speech.

# ANTHROPOLOGY
## COLLEGE OF LIBERAL ARTS AND SCIENCES

### First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Introduction to Physical Science | 4 | World Geography | 4 |
| English Composition | 3 | Introduction to Anthropology | 4 | World Literature for Composition | 3 |
| Foreign Language | 3 | English Composition | 3 | Foreign Language | 3 |
| Fundamentals of Mathematics | 3 | Foreign Language | 3 | Fundamentals of Mathematics | 3 |
| Physical Education | 1 | Fundamentals of Mathematics | 3 | Speech | 3 |
| | 14 | Physical Education | 1 | Physical Education | 1 |
| | | | 18 | | 17 |

### Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introductory Biology | 4 | Introductory Biology | 4 | Science Elective | 3 |
| Introduction to Sociology | 4 | General Psychology | 4 | Logic | 4 |
| Music Understanding or Art Appreciation | 3 | Philosophy (Ethics) | 3 | Foreign Language (Intermediate Level) | 3 |
| Health Education | 3 | Foreign Language (Intermediate Level) | 3 | Humanities Electives | 6 |
| Foreign Language (Intermediate Level) | 3 | Science Elective | 3 | | 16 |
| | 17 | | 17 | | |

The above program will complete all of the general studies requirements except three quarter hours of humanities. Anthropology majors are permitted to waive six quarter hours of social studies at the junior level.

Students who enter into a collegiate program effective with the 1968 Fall Quarter or thereafter and who expect to graduate from the College of Liberal Arts and Sciences are required to complete either two years of foreign language and one year of mathematics or two years of mathematics and one year of foreign language.

APPAREL DESIGN
SCHOOL OF HOME ECONOMICS

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Philosophy (Ethics) | 3 | World Literature for Composition | 3 |
| English Composition | 3 | English Composition | 3 | Speech | 3 |
| Fundamentals of Mathematics or Foreign Language | 3 | Fundamentals of Mathematics or Foreign Language | 3 | Fundamentals of Mathematics or Foreign Language | 3 |
| Clothing Selection and Construction | 4 | Applied Design | 3 | Fundamentals of Nutrition | 3 |
| Home Economics Orientation | 2 | Chemistry (General and Inorganic) | 4 | Chemistry (Organic) | 4 |
| Physical Education | 1 | Physical Education | 1 | Physical Education | 1 |
| | 17 | | 17 | | 17 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Anthropology | 4 | Introductory Biology | 4 | Introductory Biology | 4 |
| Introduction to Sociology | 4 | General Psychology | 4 | World Geography | 4 |
| Health Education | 3 | Art (Basic Studio) | 4 | Art (Basic Studio) | 4 |
| Art (Basic Studio) | 4 | Pattern Designing and Clothing Construction | 3 | Family Living | 3 |
| Elective | 2 | | 15 | | 15 |
| | 17 | | | | |

The above program will complete all of the general studies requirements except six quarter hours of science and twelve quarter hours of humanities. Apparel Design majors may waive six quarter hours of social studies at the junior level.

Students who are unable to take the professional courses listed above are encouraged to complete their general studies requirements.

APPLIED SCIENCE
SCHOOL OF TECHNOLOGY

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| General Chemistry & Qualitative Analysis | 5 | General Chemistry & Qualitative Analysis | 5 | Music Understanding or Art Appreciation | 3 |
| English Composition | 3 | English Composition | 3 | World Literature for Composition | 3 |
| Physical Education | 1 | Physical Education | 1 | Speech | 3 |
| Elementary Calculus & Analytic Geometry[1] | 5 | Elementary Calculus & Analytic Geometry | 5 | Elementary Calculus & Analytic Geometry | 5 |
| Technology (Principles of Graphic Communication) | 3 | Technology (Orientation) | 2 | Physical Education | 1 |
| | 17 | | 16 | Technology (Principles of Graphic Communication) | 3 |
| | | | | | 16 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introductory Biology | 4 | Introductory Biology | 4 | World Geography | 4 |
| Philosophy (Ethics) | 3 | Introduction to Anthropology | 4 | Introduction to Fiction | 3 |
| Intermediate Calculus | 4 | Engineering (Centroids) | 3 | Health Education | 3 |
| Engineering (Principles of Mechanics) | 3 | University Physics | 5 | Engineering (Kinetics of Particles) | 3 |
| University Physics | 5 | | 16 | University Physics | 5 |
| | 19 | | | | 15 |

[1] Students who lack the background to start in calculus and analytic geometry are urged to take the college algebra and trigonometry.

Students who are unable to take all of the physical science and mathematics courses listed above should attempt to take courses that will help satisfy the remaining general studies requirements. There are fourteen quarter hours of social studies and ten quarter hours of humanities in this program which remain to be completed (applied science majors may waive six quarter hours of science at the junior level).

ART EDUCATION
SCHOOL OF FINE ARTS

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Introduction to Physical Science | 4 | Introduction to Anthropology | 4 |
| English Composition | 3 | English Composition | 3 | World Literature for Composition | 3 |
| Physical Education | 1 | Physical Education | 1 | Physical Education | 1 |
| Art (Basic Studio) | 4 | Art (Basic Studio) | 4 | Art (Basic Studio) | 4 |
| Fundamentals of Mathematics or Foreign Language[1] | 5 | Fundamentals of Mathematics or Foreign Language | 5 | Fundamentals of Mathematics or Foreign Language | 5 |
| | 17 | | 17 | | 17 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| World Geography | 4 | Introductory Biology | 4 | Introductory Biology | 4 |
| Speech | 3 | Health Education | 3 | Introduction to Sociology | 4 |
| Philosophy (Ethics) | 3 | Art (Studio Discipline) | 4 | Art (Studio Discipline) | 4 |
| Art (Studio Discipline) | 4 | Art (Classification of Art in Major Historical Periods) | 3 | Art (Representation Problems in the History of Art) | 3 |
| Art (Nature of Visual Art and History) | 3 | Introduction to Drama | 3 | | |
| | 17 | | 17 | | 15 |

[1] Foreign language preferred.

The above program will complete all of the general studies requirements except six quarter hours of science, ten quarter hours of social studies, and ten quarter hours of humanities. Art Education majors are permitted to waive six quarter hours of humanities at the junior level.

Students who are unable to take the professional courses listed above such as Art (Basic Studio), Art (Studio Discipline), Art (Nature of Visual Art and History), etc., should attempt to take science, humanities, and social studies courses that will complete their general studies requirements.

# ART HISTORY
## COLLEGE OF LIBERAL ARTS AND SCIENCES

### First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Introduction to Physical Science | 4 | World Literature for Composition | 3 |
| English Composition | 3 | English Composition | 3 | Speech | 3 |
| Fundamentals of Mathematics | 3 | Fundamentals of Mathematics | 3 | Fundamentals of Mathematics | 3 |
| Foreign Language[1] | 3 | Foreign Language | 3 | Foreign Language | 3 |
| Art (Basic Studio) | 4 | Art (Basic Studio) | 4 | Art (Basic Studio) | 4 |
| Physical Education | 1 | Physical Education | 1 | Physical Education | 1 |
| | 18 | | 18 | | 17 |

### Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| History (Western Civilization) | 4 | Introductory Biology | 4 | Introductory Biology | 4 |
| Philosophy (Ethics) | 3 | History (Western Civilization) | 4 | Introduction to Sociology | 4 |
| Foreign Language (Intermediate Level) | 3 | Introduction to Drama | 3 | Foreign Language (Intermediate Level) | 3 |
| Art History | 3 | Foreign Language (Intermediate Level) | 3 | Art History | 3 |
| Studio Elective | 4 | Art History | 3 | Elective | 3 |
| | 17 | | 17 | | 17 |

1 Two years of foreign language and one year of mathematics, or conversely, is required. It is preferred that the two years be in foreign language.

The above program will complete all of the general studies requirements except six quarter hours of science, ten quarter hours of social studies and three quarter hours of health education. Art History majors are permitted to waive six quarter hours of humanities at the junior level.

Students who are unable to take any of the professional courses listed above are encouraged to complete their general studies requirements.

ART (STUDIO & CRAFTS)
SCHOOL OF FINE ARTS

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Introduction to Physical Science | 4 | Introduction to Anthropology | 4 |
| English Composition | 3 | English Composition | 3 | World Literature for Composition | 3 |
| Physical Education | 1 | Physical Education | 1 | Physical Education | 1 |
| Art (Basic Studio) | 4 | Art (Basic Studio) | 4 | Art (Basic Studio) | 4 |
| Foreign Language or Fundamentals of Mathematics | 3 | Foreign Language or Fundamentals of Mathematics | 3 | Foreign Language or Fundamentals of Mathematics | 3 |
| | 15 | | 15 | | 15 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Philosophy (Ethics) | 3 | Introductory Biology | 4 | Health Education | 3 |
| Speech | 3 | Introduction to Drama | 3 | Art (Studio Discipline) | 4 |
| Art (Studio Discipline) | 4 | Art (Studio Discipline) | 4 | Introductory Biology | 4 |
| Art History | 3 | Art History | 3 | Art History | 3 |
| World Geography | 4 | Art Elective | 4 | Art Elective | 4 |
| | 17 | | 18 | | 18 |

[1] Foreign language preferred.

The above program will complete all of the general studies requirements except six quarter hours of science, fourteen quarter hours of social studies, and three quarter hours of humanities. Art Studio & Crafts majors are permitted to waive six quarter hours of humanities at the junior level.

Students who are unable to take the professional courses listed above such as basic studio, studio discipline, art history, etc., should attempt to take courses that will complete their general studies requirements.

BIOLOGICAL SCIENCE
(TEACHING)
COLLEGE OF LIBERAL ARTS AND SCIENCES
COLLEGE OF EDUCATION

## First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science[1] | 4 | General Chemistry & Qualitative Analysis | 5 | Introduction to Anthropology | 4 |
| Music Understanding or Art Appreciation | 3 | Philosophy (Ethics) | 3 | World Literature for Composition | 3 |
| English Composition | 3 | English Composition | 3 | Business Statistics | 3 |
| College Algebra & Trigonometry[2] | 5 | College Algebra & Trigonometry | 5 | General Chemistry & Qualitative Analysis | 5 |
| Physical Education | 1 | Physical Education | 1 | Physical Education | 1 |
| | 16 | | 17 | | 16 |

## Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introductory Biology | 4 | Introductory Biology | 4 | Studies of Local Plants | 3 |
| General Psychology | 4 | Educational Psychology | 4 | World Geography | 4 |
| Introduction to Drama | 3 | Principles of Micro-biology | 5 | Foreign Language[2] | 3 |
| Speech | 3 | Elementary Calculus and Analytic Geometry or Foreign Language | 3-5 | History and Principles of Secondary Education | 4 |
| Elementary Calculus and Analytic Geometry or Foreign Language[2] | 3-5 | | 16-18 | General Microbiology | 5 |
| | 17-19 | | | | 19 |

1 Students who have not had high school chemistry must take the first course in General Chemistry & Qualitative Analysis.

2 College Algebra and Trigonometry is required. Students who plan to obtain their degree in Liberal Arts and Sciences must take two years of mathematics and one year of foreign language or conversely. If mathematics is selected for two year requirement, a student must complete Calculus and Analytic Geometry sequence. In the College of Education a student is not required to take either the calculus sequence or foreign language.

The above program will complete all of the general studies requirements except ten quarter hours of social studies and ten quarter hours of humanities. Biological Science majors are permitted to waive six quarter hours of science at the junior level. Students who are unable to take courses listed above are encouraged to complete their general studies requirements.

September 1, 1968

# BIOLOGICAL SCIENCE
# (NON-TEACHING)
# COLLEGE OF LIBERAL ARTS AND SCIENCES

## First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science[1] | 4 | General Chemistry & Qualitative Analysis | 5 | General Chemistry & Qualitative Analysis | 5 |
| Music Understanding or Art Appreciation | 3 | Philosophy (Ethics) | 3 | World Literature for Composition | 3 |
| English Composition | 3 | English Composition | 3 | Introduction to Anthropology | 4 |
| College Algebra & Trigonometry[2] | 5 | College Algebra & Trigonometry | 5 | Business Statistics | 3 |
| Physical Education | 1 | Physical Education | 1 | Physical Education | 1 |
| | 16 | | 17 | | 16 |

## Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introductory Biology | 4 | Introductory Biology | 4 | Foreign Language or Elective[3] | 3-4 |
| Speech | 3 | World Geography | 4 | Studies of Local Plants | 3 |
| Introduction to Fiction | 3 | Principles of Micro-biology | 5 | Logic | 4 |
| Health Education | 3 | Elementary Calculus and Analytic Geometry or Foreign Language[3] | 3-5 | General Microbiology | 5 |
| Elementary Calculus and Analytic Geometry or Foreign Language[3] | 3-5 | | | | |
| | 16-18 | | 16-18 | | 15-16 |

1 Students who have not had high school chemistry must take the first course in General Chemistry & Qualitative Analysis

2 College Algebra and Trigonometry sequence is required.

3 Students who enter into a collegiate program effective with the 1968 Fall Quarter or thereafter and who expect to graduate from the College of Liberal Arts are required to complete either two years of foreign language and one year of mathematics or two years of mathematics and one year of foreign language. If two years of mathematics are chosen, a student must complete sequence of Elementary Calculus and Analytic Geometry.

The above program will complete all of the general studies requirements except fourteen quarter hours of social studies, six quarter hours of humanities, and three quarter hours of science. Biological Science majors are permitted to waive six quarter hours of science at the junior level.

Students who are unable to take courses listed above should attempt to take humanities courses that will complete the general studies requirements as indicated above.

BOTANY
COLLEGE OF LIBERAL ARTS AND SCIENCES

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | General & Inorganic Chemistry | 4 | Organic Chemistry | 4 |
| History (Western Civilization) | 4 | History (Western Civilization) | 4 | World Literature for Composition | 3 |
| Music Understanding or Art Appreciation | 3 | Philosophy (Ethics) | 3 | Speech | 3 |
| English Composition | 3 | English Composition | 3 | Fundamentals of Mathematics | 3 |
| Fundamentals of Mathematics | 3 | Fundamentals of Mathematics | 3 | Physical Education | 1 |
| Physical Education | 1 | Physical Education | 1 | Health Education | 3 |
| | 18 | | 18 | | 17 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introductory Biology | 4 | Introductory Biology | 4 | Botany (Non-Vascular Plants) | 3 |
| Introduction to Anthropology | 4 | World Geography | 4 | Study of Local Plants | 3 |
| Social Studies Elective | 4 | Social Studies Elective | 4 | Humanities Elective | 3 |
| Logic | 4 | Introduction to Drama | 3 | Foreign Language | 3 |
| Foreign Language | 3 | Foreign Language | 3 | Electives | 4-6 |
| | 19 | | 18 | | 16-18 |

Students who enter into a collegiate program effective with the 1968 Fall Quarter or thereafter and who expect to graduate from the College of Liberal Arts and Sciences are required to complete either two years of foreign language and one year of mathematics or two years of mathematics and one year of foreign language.

The above program will complete all of the general studies requirements except three quarter hours of humanities (botany majors may waive six quarter hours of science at the junior level). Students who are unable to take any of the professional courses listed above such as Non-Vascular Plants (Botany) or Study of Local Plants should attempt to take a humanities course that will complete the general studies requirements as indicated above.

BUSINESS TEACHER EDUCATION
COLLEGE OF EDUCATION

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Introduction to Physical Science | 4 | General Psychology | 4 |
| History (Western Civilization) | 4 | History (Western Civilization) | 4 | Music Understanding or Art Appreciation | 3 |
| English Composition | 3 | English Composition | 3 | World Literature for Composition | 3 |
| Fundamentals of Mathematics | 3 | Fundamentals of Mathematics | 3 | Speech | 3 |
| Physical Education | 1 | Physical Education | 1 | Business Statistics[1] | 3 |
| | 15 | | 15 | Physical Education | 1 |
| | | | | | 17 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introductory Biology | 4 | Introductory Biology | 4 | Science Elective | 3 |
| Introduction to Economics | 4 | American Government | 4 | Humanities Elective | 3 |
| Philosophy (Ethics) | 3 | Logic | 4 | Principles of Accounting | 4 |
| Introduction to Drama or Music | 3-4 | Elective | 3 | Economics (Macro) | 3 |
| Health Education | 3 | | 15 | Elective | 3 |
| | 17-18 | | | | 16 |

[1] Nine quarter hours of mathematics will satisfy mathematics requirement.

The above program will complete all of the general studies requirements except three quarter hours of science and three quarter hours of humanities (business teacher education majors may waive six quarter hours of social studies at the junior level).

Students who are unable to take any of the above courses should attempt to take science and humanities courses that will complete the general studies requirements.

All teacher education majors must prepare to teach in at least four of the following areas: typewriting, shorthand and transcription, bookkeeping and record keeping, general or basic business, office practice and machines, business law, and distributive education.

CHEMISTRY
COLLEGE OF EDUCATION

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| History (Western Civilization) | 4 | History (Western Civilization) | 4 | General Psychology | 4 |
| English Composition | 3 | English Composition | 3 | World Literature for Composition | 3 |
| General Chemistry & Qualitative Analysis | 5 | General Chemistry & Qualitative Analysis | 5 | General Chemistry & Qualitative Analysis | 5 |
| College Algebra & Trigonometry | 5 | College Algebra & Trigonometry | 5 | Elementary Calculus | 5 |
| | 17 | | 17 | | 17 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Physical Education | 1 | Physical Education | 1 | Speech | 3 |
| Organic Chemistry | 5 | Organic Chemistry | 5 | Organic Chemistry | 5 |
| Elementary Calculus | 5 | Intermediate Calculus | 5 | Intermediate Calculus | 5 |
| University Physics | 5 | University Physics | 5 | University Physics | 5 |
| | 16 | | 16 | | 18 |

Students who are unable to take all of the physical science and mathematics courses listed above should attempt to take courses that will help satisfy the remaining general studies requirements. There are eight quarter hours of biological science, ten quarter hours of social studies, nineteem quarter hours of humanities, three quarter hours of health education, and one quarter hour of physical education activity (chemistry majors may waive six quarter hours of science at the junior level).

Note: A year of foreign language is required for a chemistry major in the College of Education.

CHEMISTRY
COLLEGE OF LIBERAL ARTS AND SCIENCES

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| History (Western Civilization) | 4 | History (Western Civilization) | 4 | Introduction to Anthropology | 4 |
| English Composition | 3 | English Composition | 3 | World Literature for Composition | 3 |
| General Chemistry & Qualitative Analysis | 5 | General Chemistry & Qualitative Analysis | 5 | Chemistry (Qualitative Analysis) | 5 |
| College Algebra & Trigonometry | 5 | College Algebra & Trigonometry | 5 | Elementary Calculus | 5 |
| | 17 | | 17 | | 17 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Physical Education | 1 | Physical Education | 1 | Health Education | 3 |
| Organic Chemistry | 5 | Organic Chemistry | 5 | Chemistry or Elective | 4 |
| Elementary Calculus | 5 | Intermediate Calculus | 5 | Intermediate Calculus | 5 |
| University Physics | 5 | University Physics | 5 | University Physics | 5 |
| | 16 | | 16 | | 17 |

The above program will complete all of the general studies requirements except eight quarter hours of science, ten quarter hours of social studies, nineteen quarter hours of humanities, nine quarter hours of foreign language, and three quarter hours of speech (chemistry majors are permitted to waive six quarter hours of science at the junior level).

Students who are unable to take courses listed above should attempt to take humanities courses that will complete the general studies requirements as indicated above.

Since a chemistry major in the College of Liberal Arts and Sciences must complete two years of mathematics, he is required to take only one year of foreign language.

CHEMISTRY (A.C.S. approved) Mathematics Minor
COLLEGE OF LIBERAL ARTS AND SCIENCES

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| History (Western Civilization) | 4 | History (Western Civilization) | 4 | Introduction to Anthropology | 4 |
| English Composition | 3 | English Composition | 3 | World Literature for Composition | 3 |
| General Chemistry & Qualitative Analysis | 5 | General Chemistry & Qualitative Analysis | 5 | General Chemistry & Qualitative Analysis | 5 |
| College Algebra & Trigonometry | 5 | College Algebra & Trigonometry | 5 | Elementary Calculus | 5 |
| | 17 | | 17 | | 17 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Physical Education | 1 | Physical Education | 1 | Health Education | 3 |
| Organic Chemistry | 5 | Organic Chemistry | 5 | Organic Chemistry | 5 |
| Elementary Calculus | 5 | Intermediate Calculus | 5 | Intermediate Calculus | 4 |
| University Physics | 5 | University Physics | 5 | University Physics | 5 |
| | 16 | | 16 | | 17 |

The above program will complete all of the general studies requirements except eight quarter hours of science, ten quarter hours of social studies, nineteen quarter hours of humanities, nine quarter hours of foreign language and three quarter hours of speech (chemistry majors are permitted to waive six quarter hours of science at the junior level).

Students who are unable to take courses listed above should attempt to take humanities courses that will complete the general studies requirements as indicated above.

Since a chemistry major in the College of Liberal Arts and Sciences will complete two years of mathematics, he is required to take only one year of foreign language.

CLOTHING AND TEXTILES (MERCHANDISING)
SCHOOL OF HOME ECONOMICS

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Inorganic Chemistry | 4 | World Literature for Composition | 3 |
| English Composition | 3 | English Composition | 3 | Music Understanding or Art Appreciation | 3 |
| Fundamentals of Mathematics or Foreign Language | 3 | Philosophy (Ethics) | 3 | Fundamentals of Mathematics or Foreign Language | 3 |
| Clothing Selection and Construction | 4 | Fundamentals of Mathematics or Foreign Language | 3 | Organic Chemistry | 4 |
| Home Economics Orientation | 2 | Applied Design | 3 | Fundamentals of Nutrition | 3 |
| Physical Education | 1 | Physical Education | 1 | Physical Education | 1 |
| | 17 | | 17 | | 17 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introductory Biology | 4 | Introductory Biology | 4 | Introduction to Sociology | 4 |
| Introduction to Anthropology | 4 | World Geography | 4 | Family Living | 3 |
| Speech | 3 | Introduction to Drama | 3 | Logic | 4 |
| Health Education | 3 | Pattern Designing and Clothing Construction | 3 | Applied Design | 3 |
| Child Development | 3 | Marketing and the Economy | 4 | Principles of Accounting | 4 |
| | 17 | | 18 | | 18 |

The above program will complete all of the general studies requirements except six quarter hours of science, six quarter hours of humanities and four quarter hours of social studies. Clothing and Textiles majors are permitted to waive six quarter hours of social studies at the junior level.

Students who are unable to take professional courses listed above are encouraged to complete their general studies requirements.

DESIGN
SCHOOL OF FINE ARTS

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Art Appreciation or Music Understanding | 3 | Introduction to Physical Science | 4 | Introduction to Physical Science | 4 |
| History (Western Civilization) | 4 | History (Western Civilization) | 4 | World Literature for Composition | 3 |
| English Composition | 3 | English Composition | 3 | Speech | 3 |
| Physical Education | 1 | Physical Education | 1 | Physical Education | 1 |
| Design Fundamentals | 5 | Design Fundamentals | 5 | Design Fundamentals | 5 |
| | 16 | | 17 | | 16 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Biology | 4 | Introduction to Biology | 4 | Philosophy (Ethics) | 3 |
| Fundamentals of Mathematics | 3 | Fundamentals of Mathematics | 3 | Fundamentals of Mathematics | 3 |
| Materials & Basic Techniques | 2 | Materials & Basic Techniques | 2 | Materials & Basic Techniques | 2 |
| Basic Product-Shelter Design | 4 | Basic Product-Shelter Design | 4 | Basic Product-Shelter Design | 4 |
| Basic Visual Design | 4 | Basic Visual Design | 4 | Basic Visual Design | 4 |
| | 17 | | 17 | | 16 |

The above program will complete all of the general studies requirements except six quarter hours of science, fourteen quarter hours of social studies, seven quarter hours of humanities and three quarter hours of health education (design majors are permitted to waive six quarter hours of humanities at the junior level).

Students who are unable to take the professional courses listed above such as Design Fundamentals, Basic Product-Shelter Design, Basic Visual Design, etc., should attempt to take science and humanities courses that will complete the general studies requirements as indicated above.

## EARLY CHILDHOOD EDUCATION
## COLLEGE OF EDUCATION

### First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Earth Science | 4 | Earth Science | 4 | Environmental Biology | 4 |
| English Composition | 3 | World Geography | 4 | Introduction to Sociology | 4 |
| Physical Education | 1 | Music Understanding or Art Appreciation | 3 | World Literature for Composition | 3 |
| Elective | 3 | English Composition | 3 | Speech | 3 |
| Introduction to Anthropology | 4 | Physical Education | 1 | Physical Education | 1 |
| | 19 | | 19 | | 19 |

### Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Environmental Biology | 4 | Science Elective | 3 | Science Elective | 3 |
| General Psychology | 4 | U.S. History (1815-1900) | 3 | U.S. History (1900-present) | 3 |
| Philosophy (Ethics) | 3 | Humanities - Elective | 4 | Introduction to Poetry | 3 |
| Fundamentals of Mathematics | 3 | Fundamentals of Mathematics | 3 | Fundamentals of Mathematics | 3 |
| Health Education | 3 | Elective | 3 | Educational Psychology | 4 |
| Music (Class Piano) | 1 | Music (Class Piano) | 1 | Music (Class Piano) | 1 |
| | 18 | | 18 | | 17 |

The above program will complete all of the general studies requirements. Early childhood majors, kindergarten primary, are permitted to waive six quarter hours of humanities at the junior level.

ECONOMICS
SCHOOL OF BUSINESS

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Introduction to Physical Science | 4 | History (Western Civilization) | 4 |
| English Composition | 3 | English Composition | 3 | World Literature for Composition | 3 |
| Physical Education | 1 | Philosophy (Ethics) | 3 | Speech | 3 |
| Music Understanding or Art Appreciation | 3 | Physical Education | 1 | Business Statistics[1] | 3 |
| College Algebra and Trigonometry | 5 | College Algebra and Trigonometry | 5 | Physical Education | 1 |
| | 16 | | 16 | Health Education | 3 |
| | | | | | 17 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| History (Western Civilization) | 4 | Introductory Sociology | 4 | Introductory Biology | 4 |
| Principles of Accounting | 4 | Introductory Biology | 4 | General Psychology | 4 |
| Economics (Macro) | 4 | Principles of Accounting | 4 | Introduction to Drama | 3 |
| Elementary Calculus | 5 | Economics (Micro) | 4 | Managerial Accounting | 4 |
| | 17 | | 16 | | 15 |

1 All majors in the School of Business are required to meet the above mathematics requirements.

The above program will complete all of the general studies requirements except six quarter hours of science and ten quarter hours of humanities. Economics majors are permitted to waive six quarter hours of social studies at the junior level.

Students who are unable to take the professional courses listed above should attempt to take courses that will complete their general studies requirements.

ECONOMICS
COLLEGE OF LIBERAL ARTS AND SCIENCES

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Introduction to Physical Science | 4 | World Literature for Composition | 3 |
| History (Western Civilization) | 4 | History (Western Civilization) | 4 | Business Statistics | 3 |
| English Composition | 3 | English Composition | 3 | Speech | 3 |
| Physical Education | 1 | Physical Education | 1 | Physical Education | 1 |
| College Algebra and Trigonometry | 5 | College Algebra and Trigonometry | 5 | Music Understanding or Art Appreciation | 3 |
| | 17 | | 17 | Introduction to Economics | 4 |
| | | | | | 17 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Philosophy (Ethics) | 3 | Introductory Biology | 4 | Foreign Language | 3 |
| Introductory Biology | 4 | Foreign Language | 3 | Logic | 4 |
| Foreign Language | 3 | Economics (Macro) | 3 | Economics (Micro) | 3 |
| Health Education | 3 | Elective | 3 | Electives | 4-6 |
| American Government | 4 | Introduction to Drama | 3 | | 14-16 |
| | 17 | | 16 | | |

The above program will complete all of the general studies requirements except six quarter hours of science and six quarter hours of humanities (economics majors are permitted to waive six quarter hours of social studies at the junior level).

Effective with the 1968 Fall Quarter students in the College of Liberal Arts and Sciences will be required to complete two years of foreign language and one year of mathematics or two years of mathematics and one year of foreign language. Students who take two years of mathematics must take Elementary Calculus in addition to College Algebra and Trigonometry.

ELEMENTARY EDUCATION
COLLEGE OF EDUCATION

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Earth Science | 4 | Earth Science | 4 | Introductory Biology | 4 |
| History (Western Civilization) | 4 | History (Western Civilization) | 4 | Introduction to Sociology | 4 |
| English Composition | 3 | Music Understanding or Art Appreciation | 3 | World Literature for Composition | 3 |
| Physical Education | 1 | English Composition | 3 | Speech | 3 |
| Elective | 3 | Physical Education | 1 | Physical Education | 1 |
| | 15 | | 15 | Elective | 3 |
| | | | | | 18 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introductory Biology | 4 | Science Elective | 3 | Science Elective | 3 |
| General Psychology | 4 | U.S. History (1815-1900) | 3 | U.S. History (1900-Present) | 3 |
| Philosophy (Ethics) | 3 | Introduction to Drama or Theatre | 3 | Modern Literature | 4 |
| Fundamentals of Mathematics | 3 | Fundamentals of Mathematics | 3 | Educational Psychology | 4 |
| Health Education | 3 | Elective | 3 | Fundamentals of Mathematics | 3 |
| | 17 | | 15 | | 17 |

The above program will complete all of the general studies requirements. Elementary Education majors are permitted to waive six quarter hours of humanities at the junior level.

ENGINEERING TECHNOLOGY
SCHOOL OF TECHNOLOGY

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| English Composition | 3 | Introduction to Physical Science | 4 | Introduction to Physical Science | 4 |
| Physical Education | 1 | English Composition | 3 | World Literature for Composition | 3 |
| College Algebra & Trigonometry | 5 | Physical Education | 1 | Graphic Communication | 3 |
| Technology (Orientation) | 2 | College Algebra & Trigonometry | 5 | Physical Education | 1 |
| Graphic Communication | 3 | Graphic Communication | 3 | Elementary Calculus | 5 |
| Philosophy (Ethics) | 3 | | 16 | | 16 |
| | 17 | | | | |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Analysis of Physical Systems | 3 | Analysis of Physical Systems | 3 | History (Western Civilization) | 4 |
| Music Understanding or Art Appreciation | 3 | Philosophy (Ethics) | 3 | Speech | 3 |
| Engineering Technology (Electrical Circuits) | 3 | Engineering Technology (Analytical Mechanics) | 3 | Engineering Technology (Analytical Mechanics) | 3 |
| Elementary Calculus | 5 | Engineering Technology (Electrical Circuit) | 3 | Engineering Technology (Electrical Circuit) | 3 |
| Engineering Technology (Analytical Mechanics) | 3 | Intermediate Calculus | 5 | Engineering (Digital Computer Programming for Engineers) | 3 |
| | 17 | | 17 | | 16 |

The above program will complete all of the general studies requirements except six quarter hours of science, twelve quarter hours of social studies, and thirteen quarter hours of humanities. Engineering Technology majors are permitted to waive six quarter hours of social studies at the junior level.

Students who are unable to take the professional courses listed above should attempt to take courses that will complete their general studies requirements.

ENGINEERING
SCHOOL OF TECHNOLOGY

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| English Composition | 3 | English Composition | 3 | Music Understanding or Art Appreciation | 3 |
| General Chemistry & Qualitative Analysis[1] | 5 | General Chemistry & Qualitative Analysis | 5 | World Literature for Composition | 3 |
| Elementary Calculus | 5 | Elementary Calculus | 5 | Speech | 3 |
| Graphic Communication | 3 | Graphic Communication | 3 | Intermediate Calculus | 5 |
| Physical Education | 1 | Physical Education | 1 | Graphic Communication | 3 |
| | 17 | | 17 | Physical Education | 1 |
| | | | | | 18 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introductory Biology | 4 | Introductory Biology | 4 | History (Western Civilization) | 4 |
| Philosophy (Ethics) | 3 | History (Western Civilization) | 4 | Introduction to Drama | 3 |
| Intermediate Calculus | 4 | Analytical Mechanics | 3 | Health Education | 3 |
| Analytical Mechanics | 3 | University Physics | 5 | Analytical Mechanics | 3 |
| University Physics | 5 | | 16 | University Physics | 5 |
| | 19 | | | | 18 |

1 Students who do not have an excellent background in high school chemistry should take the first course in General Chemistry and Qualitative Analysis before proceeding into the second and third courses.

2 Before enrolling in Elementary Calculus, students should take or obtain advanced standing in College Algebra and Trigonometry.

The above program will complete all of the general studies requirements except fourteen quarter hours of social studies and ten quarter hours of humanities. Students who are unable to take professional courses listed above are encouraged to complete their general studies requirements. Engineering majors are permitted to waive six quarter hours of science at the junior level.

## ENGLISH, OPTION 1 (TEACHING)
## COLLEGE OF EDUCATION OR OF LA&S

### First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Introduction to Physical Science | 4 | Introductory Biology | 4 |
| Music Understanding or Art Appreciation | 3 | History (Western Civilization) | 4 | History (Western Civilization) | 4 |
| English Composition | 3 | Philosophy (Ethics) | 3 | World Literature for Composition | 3 |
| Foreign Language | 3 | English Composition | 3 | Speech | 3 |
| Physical Education | 1 | Foreign Language | 3 | Foreign Language | 3 |
| | 14 | Physical Education | 1 | Physical Education | 1 |
| | | | 18 | | 18 |

### Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Sociology | 4 | General Psychology | 4 | Introduction to Fiction | 3 |
| Introductory Biology | 4 | Introduction to Drama | 3 | Intermediate Foreign Language | 3 |
| Introduction to Poetry | 3 | Intermediate Foreign Language | 3 | Electives | 9 |
| Intermediate Foreign Language[1] | 3 | Electives | 6 | | 15 |
| Health Education | 3 | | 16 | | |
| | 17 | | | | |

[1] English majors are required to complete at least two years of a foreign language. Students in the College of Liberal Arts and Sciences must also complete a year of mathematics.

The above program will complete all of the general studies requirements except six quarter hours of science and six quarter hours of social studies (English majors are permitted to waive six quarter hours of humanities at the junior level).

ENGLISH, OPTION 2 (NON-TEACHING)
COLLEGE OF LIBERAL ARTS AND SCIENCES

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Introduction to Physical Science | 4 | Fundamentals of Mathematics | 3 |
| Music Understanding or Art Appreciation | 3 | History (Western Civilization) | 4 | History (Western Civilization) | 4 |
| English Composition | 3 | Philosophy (Ethics) | 3 | World Literature for Composition | 3 |
| Foreign Language | 3 | English Composition | 3 | Speech | 3 |
| Physical Education | 1 | Foreign Language | 3 | Foreign Language | 3 |
| | 14 | Physical Education | 1 | Physical Education | 1 |
| | | | 18 | | 17 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Fundamentals of Mathematics | 3 | Fundamentals of Mathematics | 3 | Introductory Biology | 3 |
| Introduction to Sociology | 4 | General Psychology | 4 | Introduction to Fiction | 3 |
| Introduction to Poetry | 3 | Introduction to Drama | 3 | Intermediate Foreign Language | 3 |
| Health Education | 3 | Intermediate Foreign Language | 3 | Electives | 6 |
| Intermediate Foreign Language[1] | 3 | Introductory Biology | 4 | | 15 |
| | 16 | | 17 | | |

1 English majors are required to complete at least two years of a foreign language. Students in the College of Liberal Arts and Sciences must also complete a year of mathematics.

The above program will complete all of the general studies requirements except six quarter hours of science and six quarter hours of social studies. English majors are permitted to waive six quarter hours of humanities at the junior level.

ENGLISH, OPTION 3 (PREPARATION FOR GRADUATE WORK)
COLLEGE OF LIBERAL ARTS AND SCIENCES

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Introduction to Physical Science | 4 | Fundamentals of Mathematics | 3 |
| Music Understanding or Art Appreciation | 3 | History (Western Civilization) | 4 | History (Western Civilization) | 4 |
| English Composition | 3 | Philosophy (Ethics) | 3 | World Literature for Composition | 3 |
| Foreign Language | 3 | English Composition | 3 | Speech | 3 |
| Physical Education | 1 | Foreign Language | 3 | Foreign Language | 3 |
| | 14 | Physical Education | 1 | Physical Education | 1 |
| | | | 18 | | 17 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Fundamentals of Mathematics | 3 | Introductory Biology | 4 | Introductory Biology | 4 |
| Introduction to Sociology | 4 | General Psychology | 4 | Introduction to Fiction | 3 |
| Introduction to Poetry | 3 | Introduction to Drama | 3 | Intermediate Foreign Language | 3 |
| Health Education | 3 | Foreign Language | 3 | Electives | 6 |
| Intermediate Foreign Language[1] | 3 | Fundamentals of Mathematics | 3 | | 16 |
| | 16 | | 17 | | |

1 English majors are required to complete at least two years of a foreign language. Students in the College of Liberal Arts and Sciences must also complete a year of mathematics.

The above program will complete all of the general studies requirements except six quarter hours of science and six quarter hours of social studies. English majors are permitted to waive six quarter hours of humanities at the junior level.

## EXECUTIVE SECRETARIAL
## SCHOOL OF BUSINESS

### First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Introduction to Physical Science | 4 | History (Western Civilization) | 4 |
| Music Understanding or Art Appreciation | 3 | Philosophy (Ethics) | 3 | World Literature for Composition | 3 |
| English Composition | 3 | English Composition | 3 | Speech | 3 |
| College Algebra & Trigonometry[1] | 5 | College Algebra & Trigonometry | 5 | Business Statistics | 3 |
| Physical Education | 1 | Physical Education | 1 | Health Education | 3 |
| | 16 | | 16 | Physical Education | 1 |
| | | | | | 17 |

### Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| History (Western Civilization) | 4 | Introductory Biology | 4 | Introductory Biology | 4 |
| Elementary Calculus | 5 | Introductory Sociology | 4 | General Psychology | 4 |
| Principles of Accounting | 4 | Principles of Accounting | 4 | Introduction to Drama | 3 |
| Economics (Macro) | 4 | Economics (Micro) | 4 | Managerial Accounting | 4 |
| | 17 | | 16 | | 15 |

1 All majors in the School of Business are required to meet the above math requirements.

This program will complete all of the general studies requirements except ten quarter hours of humanities and six quarter hours of science. Accounting majors are permitted to waive six quarter hours of social studies at the junior level.

Students who are unable to take any of the professional courses listed above should attempt to complete their general studies requirements.

# FINANCE
## SCHOOL OF BUSINESS

### First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Introduction to Physical Science | 4 | History (Western Civilization) | 4 |
| Music Understanding or Art Appreciation | 3 | Philosophy (Ethics) | 3 | World Literature for Composition | 3 |
| English Composition | 3 | English Composition | 3 | Speech | 3 |
| College Algebra & Trigonometry[1] | 5 | College Algebra & Trigonometry | 5 | Business Statistics | 3 |
| Physical Education | 1 | Physical Education | 1 | Health Education | 3 |
| | 16 | | 16 | Physical Education | 1 |
| | | | | | 17 |

### Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| History (Western Civilization) | 4 | Introductory Biology | 4 | Introductory Biology | 4 |
| Elementary Calculus | 5 | Introductory Sociology | 4 | General Psychology | 4 |
| Principles of Accounting | 4 | Principles of Accounting | 4 | Introduction to Drama | 3 |
| Economics (Macro) | 4 | Economics (Micro) | 4 | Managerial Accounting | 4 |
| | 17 | | 16 | | 15 |

[1] All majors in the School of Business are required to meet the above math requirements.

This program will complete all of the general studies requirements except ten quarter hours of humanities and six quarter hours of science. Accounting majors are permitted to waive six quarter hours of social studies at the junior level.

Students who are unable to take any of the professional courses listed above should attempt to complete their general studies requirements.

FOOD AND NUTRITION
(Food and Nutrition Science)
SCHOOL OF HOME ECONOMICS

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | General Chemistry & Qualitative Analysis | 5 | General Chemistry & Qualitative Analysis | 5 |
| Introduction to Anthropology | 4 | World Geography | 4 | World Literature for Composition | 3 |
| Music Understanding or Art Appreciation | 3 | Philosophy (Ethics) | 3 | Speech | 3 |
| Physical Education | 1 | English Composition | 3 | Physical Education | 1 |
| English Composition | 3 | Applied Design | 3 | Fundamentals of Nutrition | 3 |
| | 15 | | 19 | Health Education | 3 |
| | | | | | 18 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introductory Biology | 4 | General Psychology | 4 | Introductory Biology | 4 |
| Introduction to Sociology | 4 | Introduction to Drama | 3 | Physical Education | 1 |
| Logic or Modern Literature | 4 | Science of Food | 5 | College Algebra & Trigonometry | 3 |
| Family Living | 3 | College Algebra & Trigonometry | 5 | Educational Psychology | 4 |
| | 15 | | 17 | Elective | 3 |
| | | | | | 17 |

The above program will complete all of the general studies requirements except six quarter hours of science and six quarter hours of humanities. *Food and Nutrition* science majors are permitted to waive six quarter hours of science at the junior level.

Students who are unable to take the professional courses listed above should attempt to take courses that will complete their general studies requirements.

## FOODS AND NUTRITION
## (Foods in Business)
## SCHOOL OF HOME ECONOMICS

### First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Inorganic Chemistry | 4 | Organic Chemistry | 4 |
| Introduction to Anthropology | 4 | World Geography | 4 | World Literature for Composition | 5 |
| Music Understanding or Art Appreciation | 3 | Philosophy (Ethics) | 3 | Speech | 5 |
| English Composition | 3 | English Composition | 3 | Physical Education | 1 |
| Physical Education | 1 | Applied Design | 3 | Fundamentals of Nutrition | 3 |
| | 15 | | 17 | Health Education | 1 |
| | | | | | 17 |

### Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introductory Biology | 4 | General Psychology | 4 | Introductory Biology | 4 |
| Introduction to Sociology | 4 | Logic | 4 | Radio-Television Speaking | 4 |
| Introduction to Drama | 3 | Fundamentals of Mathematics | 3 | Elective | 4 |
| Fundamentals of Mathematics | 3 | Science of Food | 3 | Fundamentals of Mathematics | 3 |
| Family Living | 3 | | 17 | Physical Education | 1 |
| | 17 | | | | 16 |

The above program will complete all of the general studies requirements except six quarter hours of science and six quarter hours of humanities. Foods and Nutrition *(Food in Business)* majors are permitted to waive six quarter hours of social studies at the junior level.

Students who are unable to take the professional courses listed above should attempt to take courses that will complete their general studies requirements.

FOOD AND NUTRITION (Dietetics)
SCHOOL OF HOME ECONOMICS

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Inorganic Chemistry | 4 | Organic Chemistry | 4 |
| Introduction to Anthropology | 4 | World Geography | 4 | World Literature for Composition | 3 |
| Music Understanding or Art Appreciation | 3 | Philosophy (Ethics) | 3 | Speech | 3 |
| English Composition | 3 | English Composition | 3 | Physical Education | 1 |
| Physical Education | 1 | Health Education | 3 | Fundamentals of Nutrition | 3 |
| | 15 | | 17 | | 14 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introductory Biology | 4 | General Psychology | 4 | Introductory Biology | 4 |
| Introduction to Sociology | 4 | Logic | 4 | Fundamentals of Mathematics | 3 |
| Introduction to Poetry | 3 | Fundamentals of Mathematics | 3 | Family Living | 3 |
| Fundamentals of Mathematics | 3 | Science of Food | 5 | Principles of Accounting | 4 |
| Child Development | 3 | | 16 | Physical Education | 1 |
| | 17 | | | Electives | 3 |
| | | | | | 18 |

The above program will complete all of the general studies requirements except six quarter hours of science and six quarter hours of humanities (food and nutrition (Dietetics) majors are permitted to waive six quarter hours of social studies at the junior level).

Students who are unable to take the professional courses listed above such as Fundamentals of Nutrition, Science of Food, Child Development, etc., should attempt to take science and humanities courses that will complete the general studies requirements as indicated above.

FOOD AND NUTRITION
(Institution Management)
SCHOOL OF HOME ECONOMICS

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Inorganic Chemistry | 4 | Organic Chemistry | 4 |
| Introduction to Anthropology | 4 | World Geography | 4 | World Literature for Composition | 3 |
| Music Understanding or Art Appreciation | 3 | Philosophy (Ethics) | 3 | Speech | 3 |
| English Composition | 3 | English Composition | 3 | Fundamentals of Nutrition | 3 |
| Physical Education | 1 | Clothing Selection and Construction | 2 | Health Education | 3 |
| | 15 | | 16 | Physical Education | 1 |
| | | | | | 17 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introductory Biology | 4 | General Psychology | 4 | Introductory Biology | 4 |
| Introduction to Sociology | 4 | Logic | 4 | Fundamentals of Mathematics | 3 |
| Introduction to Drama | 3 | Fundamentals of Mathematics | 3 | Principles of Accounting | 4 |
| Fundamentals of Mathematics | 3 | Science of Food | 5 | Physical Education | 1 |
| Family Living | 3 | | 16 | Elective | 4 |
| | 17 | | | | 16 |

The above program will complete all of the general studies requirements except six quarter hours of science and six quarter hours of humanities. Food and Nutrition (institution management) majors are permitted to waive six quarter hours of social studies at the junior level).

Students who are unable to take the professional courses listed above should attempt to take courses that will complete their general studies requirements.

FOREIGN LANGUAGES
COLLEGE OF EDUCATION

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Earth Science | 4 | Earth Science | 4 | World Literature for Composition | 3 |
| Introduction to Anthropology | 4 | World Geography | 4 | Speech | 3 |
| English Composition | 3 | Music Understanding or Art Appreciation | 3 | Philosophy (Ethics) | 3 |
| Foreign Language | 3 | English Composition | 3 | Physical Education | 1 |
| Foreign Language Conversation[1] | 1 | Foreign Language | 3-4 | Health Education | 3 |
| Physical Education | 1 | | 17-18 | Foreign Language | 3-4 |
| | 16 | | | | 16-17 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Drama | 3 | Introductory Biology | 4 | General Psychology | 4 |
| Introductory Biology | 4 | Introduction to Sociology | 4 | Logic | 4 |
| Foreign Language | 3-4 | Physical Education | 1 | Foreign Language | 3 |
| Minor[2] | 3-4 | Foreign Language | 3-5 | Minor[2] | 3-4 |
| Elective | 3 | Minor[2] | 3-4 | | 14-15 |
| | 16-18 | | 15-18 | | |

1 Required for modern languages.

2 Minor recommended is another foreign language or English.

The above program will complete all of the general studies requirements except six quarter hours of science and six quarter hours of social studies. Foreign Language majors are permitted to waive six quarter hours of humanities at the junior level.

Students who are unable to take courses listed above should attempt to take science and social studies courses that will complete the general studies requirements as indicated above.

FOREIGN LANGUAGES
COLLEGE OF LIBERAL ARTS AND SCIENCES

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| History (Western Civilization) | 4 | History (Western Civilization) | 4 | World Literature for Composition | 3 |
| Introduction to Physical Science | 4 | Introduction to Physical Science | 4 | Philosophy (Ethics) | 3 |
| English Composition | 3 | English Composition | 3 | Speech | 3 |
| Foreign Language[1] | 3 | Foreign Language | 3-4 | Foreign Language | 3-4 |
| Foreign Language Conversation[2] | 1 | Music Understanding or Art Appreciation | 3 | Physical Education | 1 |
| Physical Education | 1 | | 17-18 | Health Education | 3 |
| | 16 | | | | 16-17 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introductory Biology | 4 | Introductory Biology | 4 | General Psychology | 4 |
| Logic | 4 | Introduction to Sociology | 4 | Introduction to Poetry | 3 |
| Elective | 3 | Physical Education | 1 | Foreign Language | 3-5 |
| Foreign Language | 3-4 | Foreign Language | 3-5 | Minor[3] | 3-4 |
| Minor[3] | 3-5 | Minor[3] | 3-4 | | 13-16 |
| | 17-20 | | 15-18 | | |

[1] A major in foreign languages is 42 quarter hours exclusive of the freshman level courses.

[2] Required for modern languages.

[3] The minor recommended is another foreign language or english. A second foreign language should be started no later than the sophomore year.

The above program will complete all of the general studies requirements except six quarter hours of science and six quarter hours of social studies (foreign language majors are permitted to waive six quarter hours of humanities at the junior level).

Students in the College of Liberal Arts and Sciences must complete one year of mathematics.

FORESTRY
SCHOOL OF AGRICULTURE

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Introduction to Physical Science or General Chemistry | 4 | Introduction to Economics | 4 |
| Introduction to Anthropology | 4 | World Geography | 4 | Art Appreciation | 3 |
| English Composition | 3 | English Composition | 3 | World Literature for Composition | 3 |
| Physical Education[1] | 1 | Physical Education | 1 | Speech | 3 |
| Graphic Communication | 3 | College Algebra & Trigonometry | 5 | College Algebra & Trigonometry | 5 |
| Introduction to Forestry | 3 | | 17 | | 18 |
| | 18 | | | | |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introductory Biology | 4 | Introductory Biology | 4 | Weather | 3 |
| Philosophy (Ethics) | 3 | American Government | 4 | Introduction to Drama | 3 |
| Business Statistics | 3 | Physical Geology | 5 | Physical Education | 1 |
| Surveying | 4 | Basic Principles of Soil | 4 | Health Education | 3 |
| Forestry (Dendrology) | 4 | | 17 | Elective | 4-5 |
| | 18 | | | | 14-15 |

[1] Non-swimmers should take beginning and intermediate swimming.

The above program will complete all of the general studies requirements except six quarter hours of social studies and ten quarter hours of humanities (forestry majors are permitted to waive six quarter hours of science at the junior level).

Students who are unable to take the professional courses listed above such as Introduction to Forestry, Dendrology, etc., should attempt to take humanities and social studies courses that will complete the general studies requirements as indicated above.

Transfer students are required to have by graduation a minimum of one course in each of the following: College Algebra, Botany or Biology, Chemistry, Economics and Speech.

GEOGRAPHY
COLLEGE OF LIBERAL ARTS & SCIENCES

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Anthropology | 4 | Earth Science | 4 | Earth Science | 4 |
| English Composition | 3 | World Geography | 4 | Introduction to Economics | 4 |
| Foreign Language[1] | 3 | English Composition | 3 | World Literature for Composition | 3 |
| Physical Education | 1 | Foreign Language | 3 | Foreign Language | 3 |
| Fundamentals of Mathematics | 3 | Physical Education | 1 | Physical Education | 1 |
| | 14 | Fundamentals of Mathematics | 3 | Fundamentals of Mathematics | 3 |
| | | | 18 | | 18 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Music Understanding or Art Appreciation | 3 | Environmental Biology | 4 | Environmental Biology | 4 |
| American Government | 4 | Logic | 4 | Introduction to Drama | 3 |
| Economic Geography | 4 | Cultural Geography | 4 | Speech | 3 |
| Foreign Language (Intermediate Level) | 3 | Philosophy (Ethics) | 3 | Foreign Language (Intermediate Level) | 3 |
| Introduction to Geography | 4 | Foreign Language (Intermediate Level) | 3 | Cartographic Methods | 4 |
| | 18 | | 18 | | 17 |

1 Preferably French, German, or Russian.

Students who enter into a collegiate program effective with the 1968 Fall Quarter or thereafter and who expect to graduate from the College of Liberal Arts and Sciences are required to complete either two years of foreign language and one year of mathematics or two years of mathematics and one year of foreign language.

The above program will complete all of the general studies requirements except six quarter hours of science, six quarter hours of humanities, and three quarter hours of health education. Geography majors may waive six quarter hours of social studies at the junior level.

Students who are unable to take any of the professional courses listed above should attempt to take courses that will complete their general studies requirements.

GEOLOGY
COLLEGE OF LIBERAL ARTS AND SCIENCES

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Anthropology | 4 | General Chemistry & Qualitative Analysis | 5 | General Chemistry & Qualitative Analysis | 5 |
| Philosophy (Ethics) | 3 | Music Understanding or Art Appreciation | 3 | World Literature for Composition | 3 |
| English Composition | 3 | English Composition | 3 | Speech | 3 |
| Physical Education | 1 | Physical Education | 1 | Physical Education | 1 |
| College Algebra and Trigonometry | 5 | College Algebra & Trigonometry | 5 | World Geography | 4 |
| | 16 | | 17 | | 16 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introductory Biology | 4 | Introductory Biology | 4 | General Psychology | 4 |
| Introduction to Drama | 3 | Introduction to Sociology | 4 | Logic | 4 |
| Physical Geology | 3 | Elementary Calculus | 5 | Elementary Calculus | 5 |
| Health Education | 3 | Historical Geology | 3 | Geomorphology & Air Photo Interpretation | 4 |
| Elective | 3-4 | | 16 | | 17 |
| | 16-17 | | | | |

The above program will complete all of the general studies requirements except six quarter hours of social studies and six quarter hours of humanities. Geology majors are permitted to waive six quarter hours of science at the junior level.

Students who are unable to take the professional courses listed above should attempt to take courses that will complete their general studies requirements.

Students who enter into a collegiate program effective with the 1968 Fall Quarter or thereafter and who expect to graduate from the College of Liberal Arts and Sciences are required to complete either two years of foreign language and one year of mathematics or two years of mathematics and one year of foreign language.

GOVERNMENT
COLLEGE OF LIBERAL ARTS AND SCIENCES

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Introduction to Physical Science | 4 | Introduction to Sociology | 4 |
| History (Western Civilization) | 4 | History (Western Civilization) | 4 | World Literature for Composition | 3 |
| English Composition | 3 | English Composition | 3 | Foreign Language | 3 |
| Foreign Language | 3 | Foreign Language | 3 | Speech | 3 |
| Physical Education | 1 | Physical Education | 1 | Physical Education | 1 |
| Music Understanding or Art Appreciation | 3 | Philosophy (Ethics) | 3 | Health Education | 3 |
| | 18 | | 18 | | 17 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Drama | 3 | Introduction to Biology | 4 | State and Local Government | 5 |
| Introduction to Biology | 4 | American National Government | 5 | Logic | 4 |
| General Psychology | 4 | Fundamentals of Mathematics | 3 | Introduction to Economics | 3 |
| Fundamentals of Mathematics | 3 | Foreign Language (Intermediate Level) | 3 | Fundamentals of Mathematics | 3 |
| Foreign Language (Intermediate Level) | 3 | | 15 | Foreign Language (Intermediate Level) | 3 |
| | 17 | | | | 18 |

The above program will complete all of the general studies requirements except six quarter hours of science and six quarter hours of humanities. Government majors are permitted to waive six quarter hours of social studies at the junior level.

Students who are unable to take the professional courses listed above should attempt to take courses that will complete their general studies requirements.

Students who enter into a collegiate program effective with the 1968 Fall Quarter or thereafter and who expect to graduate from the College of Liberal Arts and Sciences are required to complete either two years of foreign language and one year of mathematics or two years of mathematics and one year of foreign language.

GRAPHIC ARTS MANAGEMENT
SCHOOL OF BUSINESS

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Introduction to Physical Science | 4 | History (Western Civilization) | 4 |
| Music Understanding or Art Appreciation | 3 | Philosophy (Ethics) | 3 | World Literature for Composition | 3 |
| English Composition | 3 | English Composition | 3 | Speech | 3 |
| College Algebra & Trigonometry[1] | 5 | College Algebra & Trigonometry | 5 | Business Statistics | 3 |
| Physical Education | 1 | Physical Education | 1 | Health Education | 3 |
| | 16 | | 16 | Physical Education | 1 |
| | | | | | 17 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| History (Western Civilization) | 4 | Introductory Biology | 4 | Introductory Biology | 4 |
| Elementary Calculus | 5 | Introductory Sociology | 4 | General Psychology | 4 |
| Principles of Accounting | 4 | Principles of Accounting | 4 | Introduction to Drama | 3 |
| Economics (Macro) | 4 | Economics (Micro) | 4 | Managerial Accounting | 4 |
| | 17 | | 16 | | 15 |

1 All majors in the School of Business are required to meet the above math requirements.

This program will complete all of the general studies requirements except ten quarter hours of humanities and six quarter hours of science. Accounting majors are permitted to waive six quarter hours of social studies at the junior level.

Students who are unable to take any of the professional courses listed above should attempt to complete their general studies requirements.

## HEALTH EDUCATION
## COLLEGE OF EDUCATION

### First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Introduction to Physical Science | 4 | Introductory Biology | 4 |
| Introduction to Anthropology | 4 | World Geography | 4 | Introduction to Sociology | 4 |
| Music Understanding or Art Appreciation | 3 | Philosophy (Ethics) | 3 | World Literature for Composition | 3 |
| Physical Education | 1 | English Composition | 3 | Speech | 3 |
| English Composition | 3 | Physical Education | 1 | Physical Education | 1 |
| | 15 | | 15 | Health Education | 3 |
| | | | | | 18 |

### Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introductory Biology | 4 | Educational Psychology | 4 | Fundamentals of Mathematics | 3 |
| General Psychology | 4 | Modern Literature | 4 | Community Health Problems | 3 |
| Fundamentals of Mathematics | 3 | Fundamentals of Mathematics | 3 | First Aid | 3 |
| Introduction to Drama | 3 | Communicable Diseases | 3 | Emotional Health | 4 |
| Advanced Health Education Concepts | 4 | Principles and Foundations of Health Education | 4 | History and Principles of Secondary Education | 4 |
| | 18 | | 18 | | 17 |

The above program will complete all of the general studies requirements except six quarter hours of social studies and six quarter hours of humanities. Health Education majors are permitted to waive six quarter hours of science at the junior level.

Students who are unable to take the professional courses listed above should attempt to complete their general studies requirements.

HEALTH SCIENCE
COLLEGE OF LIBERAL ARTS AND SCIENCES

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Introduction to Physical Science | 4 | Introductory Biology | 4 |
| Introduction to Anthropology | 4 | World Geography | 4 | Introduction to Sociology | 4 |
| English Composition | 3 | English Composition | 3 | World Literature for Composition | 3 |
| Fundamentals of Mathematics | 3 | Fundamentals of Mathematics | 3 | Fundamentals of Mathematics | 3 |
| Physical Education | 1 | Physical Education | 1 | Physical Education | 1 |
| Foreign Language | 3 | Foreign Language | 3 | Foreign Language | 3 |
| | 19 | | 18 | | 18 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introductory Biology | 4 | General Invertebrate Zoology | 3 | Philosophy (Ethics) | 3 |
| General Psychology | 4 | Foreign Language (Intermediate Level) | 3 | Modern Literature | 4 |
| Foreign Language (Intermediate Level) | 3 | General Chemistry Qualitative Analysis | 5 | Foreign Language (Intermediate Level) | 3 |
| General Chemistry & Qualitative Analysis | 5 | Music Understanding or Art Appreciation | 3 | American National Government | 3 |
| | 16 | | 16 | | 13 |

The above program will complete all of the general studies requirements except six quarter hours of social studies, nine quarter hours of humanities, three quarter hours of speech and three quarter hours of health education. Health Science majors may waive six quarter hours of science at the junior level.

Students who are unable to take any of the above courses should attempt to take courses that will complete their general studies requirements.

Students who enter into a collegiate program effective with the 1968 Fall Quarter or thereafter and who expect to graduate from the College of Liberal Arts and Sciences are required to complete either two years of foreign language and one year of mathematics or two years of mathematics and one year of foreign language.

## HISTORY
## COLLEGE OF LIBERAL ARTS AND SCIENCES

### First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Earth Science | 4 | Earth Science | 4 | Introductory Biology | 4 |
| History (Western Civilization) | 4 | History (Western Civilization) | 4 | Introduction to Economics | 4 |
| English Composition | 3 | English Composition | 3 | World Literature for Composition | 3 |
| Foreign Language | 3 | Foreign Language | 3 | Foreign Language | 3 |
| Physical Education | 1 | Physical Education | 1 | Physical Education | 1 |
| | 15 | | 15 | | 15 |

### Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introductory Biology | 4 | Modern Literature | 4 | Health Education | 3 |
| American Government | 4 | History of the United States | 3 | History of the United States | 3 |
| History of the United States | 3 | Music Understanding or Art Appreciation | 3 | Philosophy (Ethics) | 3 |
| Speech | 3 | History Elective | 3 | Introduction to Drama | 3 |
| Foreign Language (Intermediate Level) or Mathematics | 3 | Foreign Language (Intermediate Level) or Mathematics | 3 | History Elective | 3 |
| | 17 | | 16 | Foreign Language (Intermediate Level) or Mathematics | 3 |
| | | | | | 15 |

The above program will complete all of the general studies requirements except six quarter hours of science and six quarter hours of humanities. History majors are permitted to waive six quarter hours of social studies at the junior level.

Students who are unable to take courses listed above should attempt to take science and humanities courses that will complete the general studies requirements as indicated above.

Students who enter into a collegiate program effective with the 1960 Fall Quarter or thereafter and who expect to graduate from the College of Liberal Arts and Sciences are required to complete either two years of foreign language and one year of mathematics or two years of mathematics and one year of foreign language. Students who decide to take two years of mathematics must take a year of College Algebra and Trigonometry and a year of Elementary Calculus.

HOME AND FAMILY
Consumer Services in Business
(Equipment and Housing)
SCHOOL OF HOME ECONOMICS

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | General Inorganic Chemistry | 4 | Philosophy (Ethics) | 3 |
| English Composition | 3 | History (Western Civilization) | 4 | Organic Chemistry | 4 |
| Physical Education | 1 | English Composition | 3 | World Literature for Composition | 3 |
| History (Western Civilization) | 4 | Applied Design | 3 | Speech | 3 |
| Family Living | 3 | Music Understanding or Art Appreciation | 3 | Physical Education | 1 |
| | 15 | | 17 | Nutrition | 3 |
| | | | | | 17 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Sociology | 4 | Introductory Biology | 4 | Introductory Biology | 4 |
| Introduction to Drama | 3 | General Psychology | 4 | Modern Literature | 4 |
| Fundamentals of Mathematics | 3 | Fundamentals of Mathematics | 3 | Physical Education | 1 |
| Health Education | 3 | Child Development | 3 | Radio-Television Speaking | 4 |
| Clothing Selection and Construction | 4 | Marketing | 4 | Fundamentals of Mathematics | 3 |
| | 17 | | 18 | | 16 |

The above program will complete all of the general studies requirements except six quarter hours of science and six quarter hours of humanities. Home Economics majors whose concentration is home and family are permitted to waive six quarter hours of social studies at the junior level.

Students who are unable to take the professional courses listed above should attempt to take science and humanities courses that will complete their general studies requirements.

HOME AND FAMILY
Family Services Consultant
SCHOOL OF HOME ECONOMICS

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | General & Inorganic Chemistry | 4 | World Literature fcr Composition | 3 |
| English Composition | 3 | Music Understanding or Art Appreciation | 3 | Speech | 3 |
| Fundamentals of Mathematics or Foreign Language | 3 | English Composition | 3 | Fundamentals of Mathematics or Foreign Language | 3 |
| Home Economics Orientation | 2 | Fundamentals of Mathematics or Foreign Language | 3 | Organic Chemistry | 4 |
| Clothing Selection and Construction | 4 | Applied Design | 3 | Family Living | 3 |
| Physical Education | 1 | Physical Education | 1 | | 16 |
| | 17 | | 17 | | |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Anthropology | 4 | Introductory Biology | 4 | Introductory Biology | 4 |
| Introduction to Sociology | 4 | World Geography | 4 | General Psychology | 4 |
| Philosophy (Ethics) | 3 | Logic | 4 | Humanities Elective | 3 |
| Health Education | 3 | Introduction to Drama | 3 | Nutrition | 3 |
| Child Development | 3 | Physical Education | 1 | Housing Needs of Families | 2 |
| | 17 | | 16 | | 16 |

The above program will complete all of the general studies requirements except six quarter hours of science and three quarter hours of humanities. Home Economics majors specializing in Home and Family may waive six quarter hours of social studies at the junior level.

Students unable to take professional courses listed above should attempt to complete their general studies requirements.

HOME AND FAMILY
Pre-School Programs
SCHOOL OF HOME ECONOMICS

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | General & Inorganic Chemistry | 4 | Organic Chemistry | 4 |
| Introduction to Anthropology | 4 | World Geography | 4 | Philosophy (Ethics) | 3 |
| English Composition | 3 | English Composition | 3 | Speech | 3 |
| Clothing Selection and Construction | 2 | Music Understanding or Art Appreciation | 3 | World Literature for Composition | 3 |
| Home Economics Orientation | 2 | Applied Design | 3 | Nutrition | 3 |
| Physical Education | 1 | | 17 | Physical Education | 1 |
| | 16 | | | | 17 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Sociology | 4 | Introductory Biology | 4 | Introductory Biology | 4 |
| Fundamentals of Mathematics or Foreign Language | 3 | General Psychology | 4 | Fundamentals of Mathematics or Foreign Language | 3 |
| Introduction to Drama | 3 | Fundamentals of Mathematics or Foreign Language | 3 | Educational Psychology | 4 |
| Health Education | 3 | Logic | 4 | Family Living | 3 |
| Child Development | 3 | Physical Education | 1 | Orientation to the Education of the Exceptional Child | 2 |
| | 16 | | 16 | | 16 |

The above program will complete all of the general studies requirements except six quarter hours of science and six quarter hours of humanities. Home Economics majors specializing in Home and Family are permitted to waive six quarter hours of social studies at the junior level.

Students who are unable to take professional courses listed above are encouraged to complete their general studies requirements.

HOME ECONOMICS EDUCATION (EXTENSION)
SCHOOL OF HOME ECONOMICS

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | General & Inorganic Chemistry | 4 | Introduction to Anthropology | 4 |
| Art Appreciation | 3 | Philosophy (Ethics) | 3 | World Literature for Composition | 3 |
| English Composition | 3 | English Composition | 3 | Speech | 3 |
| Physical Education | 1 | Clothing Selection & Construction | 4 | Organic Chemistry | 4 |
| Home Economics Orientation | 2 | Physical Education | 1 | Nutrition | 3 |
| Applied Design | 3 | | 15 | | 17 |
| | 16 | | | | |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| World Geography | 4 | General Psychology | 4 | Introduction to Economics | 4 |
| Introduction to Sociology | 4 | Science of Food | 5 | Modern Literature | 4 |
| Physical Education | 1 | Child Development | 3 | Pattern Designing & Clothing Construction | 3 |
| Radio and Television Speaking | 4 | Fundamentals of Mathematics or Foreign Language | 3 | Family Living | 3 |
| Fundamentals of Mathematics or Foreign Language | 3 | | 15 | Fundamentals of Mathematics or Foreign Language | 3 |
| | 16 | | | | 17 |

The above program will complete all of the general studies requirements except fourteen quarter hours of science, nine quarter hours of humanities, and three quarter hours of health education. Home Economics majors specializing in extension work are permitted to waive six quarter hours of social studies at the junior level.

Students who are unable to take the professional courses listed above should attempt to take courses that will complete their general studies requirements.

## HOME ECONOMICS EDUCATION (TEACHING)
## SCHOOL OF HOME ECONOMICS

### First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | General & Inorganic Chemistry | 4 | Introduction to Anthropology | 4 |
| Art Appreciation | 3 | Philosophy (Ethics) | 3 | World Literature for Composition | 3 |
| English Composition | 3 | English Composition | 3 | Speech | 3 |
| Physical Education | 1 | Clothing Selection & Construction | 4 | Nutrition | 3 |
| Home Economics Orientation | 2 | Physical Education | 1 | Organic Chemistry | 4 |
| Applied Design | 3 | | 15 | | 17 |
| | 16 | | | | |

### Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Sociology | 4 | General Psychology | 4 | Introduction to Economics | 4 |
| Physical Education | 1 | Science of Food | 5 | Modern Literature | 4 |
| Health Education | 3 | Child Development | 3 | Pattern Designing & Clothing Construction | 3 |
| Fundamentals of Mathematics or Foreign Language | 3 | Fundamentals of Mathematics or Foreign Language | 3 | Family Living | 3 |
| World Geography | 4 | | 15 | Fundamentals of Mathematics or Foreign Language | 3 |
| | 15 | | | | 17 |

The above program will complete all of the general studies requirements except fourteen quarter hours of science and nine quarter hours of humanities. Home Economics majors planning to teach are permitted to waive six quarter hours of social studies at the junior level.

Students who are unable to take the professional courses listed above should attempt to take courses that will complete their general studies requirements.

INDUSTRIAL ARTS
TEACHING
SCHOOL OF TECHNOLOGY

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Introduction to Physical Science | 4 | Introductory Biology | 4 |
| English Composition | 3 | English Composition | 3 | Introduction to Anthropology | 4 |
| Physical Education | 1 | College Algebra & Trigonometry | 5 | World Literature for Composition | 3 |
| College Algebra & Trigonometry | 5 | Technology Orientation | 2 | Physical Education | 1 |
| Visual Communications | 3 | Visual Communications | 3 | Energy Conversion & Power Transmission | 3 |
| | 16 | | 17 | | 15 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introductory Biology | 4 | Music Understanding or Art Appreciation | 3 | General Psychology | 4 |
| World Geography | 4 | Introduction to Sociology | 4 | Philosophy (Ethics) | 3 |
| Physical Education | 1 | Introduction to Drama | 3 | Speech | 3 |
| Energy Conversion & Power Transmission | 3 | Materials and Processes | 3 | Economics (Macro) | 4 |
| Electronics & Instrumentation | 4 | Electronics & Instrumentation | 4 | Materials and Processes | 3 |
| | 16 | | 17 | | 17 |

The above program will complete all of the general studies requirements except six quarter hours of science, ten quarter hours of humanities and three quarter hours of health education. Industrial Arts majors are permitted to waive six quarter hours of social studies at the junior level.

Students who are unable to take the professional courses listed above are encouraged to complete their general studies requirements.

INDUSTRIAL TECHNOLOGY
SCHOOL OF TECHNOLOGY

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Technology Orientation | 2 | Introduction to Physical Science | 4 | Introduction to Physical Science | 4 |
| English Composition | 3 | English Composition | 3 | Music Understanding or Art Appreciation | 3 |
| Physical Education | 1 | Physical Education | 1 | World Literature for Composition | 3 |
| College Algebra & Trigonometry | 5 | College Algebra & Trigonometry | 5 | Physical Education | 1 |
| Graphic Communications | 3 | Graphic Communications | 3 | Graphic Communications | 3 |
| | 14 | | 16 | Machining of Metals | 3 |
| | | | | | 17 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introductory Biology | 4 | Introductory Biology | 4 | Introduction to Sociology | 4 |
| History (Western Civilization) | 4 | History (Western Civilization) | 4 | Health Education | 3 |
| Philosophy (Ethics) | 3 | Speech | 3 | Analytical Problems in Technology | 5 |
| Casting & Metal Forming Process | 3 | Casting & Metal Forming Process | 3 | Industrial Welding | 3 |
| Metal Removal Processes | 3 | Special Elective | 3 | Special Elective | 3 |
| | 17 | | 17 | | 18 |

The above program will complete all of the general studies requirements except six quarter hours of science, thirteen quarter hours of humanities, and four quarter hours of social studies. Industrial Technology majors are permitted to waive six quarter hours of social studies at the junior level).

Students who are unable to take the professional courses listed above should attempt to take courses that will complete their general studies requirements.

INTER-AMERICAN STUDIES
COLLEGE OF LIBERAL ARTS AND SCIENCES

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| History (Western Civilization) | 4 | Introduction to Physical Science | 4 | Introduction to Physical Science | 4 |
| English Composition | 3 | History (Western Civilization) | 4 | World Literature for Composition | 3 |
| Elementary Spanish | 3* | English Composition | 3 | Physical Education | 1 |
| Spanish Conversation | 1 | Elementary Spanish | 3* | Elementary Spanish | 3* |
| Physical Education | 1 | Spanish Conversation | 1 | Spanish Conversation | 1 |
| Fundamentals of Mathematics | 3 | Fundamentals of Mathematics | 3 | Fundamentals of Mathematics | 3 |
| | 15 | | 18 | | 15 |

Second Year

| Fall | Hours | Winter | Hrs. | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Biology | 4 | Introductory Biology | 4 | Speech | 3 |
| Introduction to Economics | 4 | American Government | 4 | Science Elective | 3 |
| Intermediate Spanish & Conversation | 5 | Philosophy (Ethics) | 3 | Intermediate Spanish & Conversation | 5 |
| Music Understanding or Art Appreciation | 3 | Intermediate Spanish & Conversation | 5 | Elective | 4 |
| | 16 | | 16 | Physical Education | 1 |
| | | | | | 16 |

*Students who have had Spanish in high school should take Intermediate Spanish or Elementary Portuguese.

The above program will complete all of the general studies requirements except three quarter hours of science, six quarter hours of social studies, seven quarter hours of humanities, and three quarter hours of health education. (Inter-American Studies majors may waive six quarter hours of humanities at the junior level).

Students who are unable to take any of the above courses should attempt to complete their general studies requirements.

Students who enter into a collegiate program effective with the 1968 Fall Quarter or thereafter and who expect to graduate from the College of Liberal Arts and Sciences are required to complete either two years of foreign language and one year of mathematics or two years of mathematics and one year of foreign language.

INTERIOR DESIGN
SCHOOL OF HOME ECONOMICS

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Introduction to Physical Science | 4 | Philosophy (Ethics) | 3 |
| Art Appreciation | 3 | English Composition | 3 | World Literature for Composition | 3 |
| English Composition | 3 | Fundamentals of Mathematics or Foreign Language | 3 | Speech | 3 |
| Fundamentals of Mathematics or Foreign Language | 3 | Physical Education | 1 | Fundamentals of Mathematics or Foreign Language | 3 |
| Physical Education | 1 | Applied Design | 3 | Physical Education | 1 |
| Fundamentals of Nutrition | 3 | Clothing Selection & Construction | 3 | Elective | 3 |
| | 17 | | 16 | | 16 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| History (Western Civilization) | 4 | History (Western Civilization) | 4 | Introduction to Sociology | 4 |
| Introduction to Drama | 3 | The Decorative Arts | 3 | Applied Design | 3 |
| The Decorative Arts | 4 | Art (Basic Studio) | 4 | Family Living | 3 |
| Art (Basic Studio) | 3 | General Psychology | 4 | Health Education | 3 |
| | 14 | | 15 | | 13 |

Students who are unable to take professional home economics courses listed above are encouraged to take courses that will complete the general studies requirements. General studies requirements which remain to be completed include: fourteen hours of science and ten hours of humanities. Home Economics majors specializing in interior design are permitted to waive six quarter hours of social studies at the junior level.

JOURNALISM
COLLEGE OF EDUCATION - SCHOOL OF COMMUNICATION

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Introduction to Physical Science | 4 | Introductory Biology | 4 |
| History (American Civilization) | 4 | History (American Civilization) | 4 | Introduction to Economics | 4 |
| English Composition | 3 | English Composition | 3 | Speech | 3 |
| Physical Education | 1 | Physical Education | 1 | Physical Education | 1 |
| Basic Understanding or Art Appreciation | 3 | Introduction to Journalism | 3 | World Literature for Composition | 3 |
| | 15 | Philosophy (Ethics) | 3 | Introduction to Journalism | 3 |
| | | | 18 | | 18 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introductory Biology | 4 | Social Studies Elective | 3 | Science Elective | 3 |
| American Government | 4 | Science Elective | 4 | English Education | 3 |
| Modern Literature | 3 | Humanities Elective | 3 | Mathematics or Foreign Language | 3 |
| Mathematics or Foreign Language | 3 | News Writing & Editing | 3 | Humanities Elective | 3 |
| News (Fundamentals of Copyreading) | 3 | Mathematics or Foreign Language | 3 | Social Studies Elective | 3 |
| | 17 | | 16 | News Writing & Editing | 3 |
| | | | | | 18 |

The above program will complete all of the general studies requirements. Journalism majors are permitted to waive six quarter hours of social studies at the junior level.

## LANGUAGE ARTS AND SOCIAL STUDIES
## (Junior High School Program)
## COLLEGE OF EDUCATION

### First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Earth Science | 4 | Earth Science | 4 | Introductory Biology | 4 |
| History (Western Civilization) | 4 | History (Western Civilization) | 4 | World Geography | 4 |
| Introduction to Anthropology | 4 | American Government | 4 | Introduction to Sociology | 4 |
| English Composition | 3 | English Composition | 3 | World Literature for Composition | 3 |
| Physical Education | 1 | Physical Education | 1 | Physical Education | 1 |
| | 16 | | 16 | | 16 |

### Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introductory Biology | 4 | Introduction to Economics | 4 | General Psychology | 4 |
| Art Appreciation or Music Understanding | 3 | Speech | 3 | Philosophy (Ethics) | 3 |
| Introduction to Drama | 3 | Introduction to Poetry | 3 | Introduction to Fiction | 3 |
| History of the United States | 3 | History of the United States | 3 | History of the United States | 3 |
| Mathematics or Foreign Language | 3 | Mathematics or Foreign Language | 3 | Mathematics or Foreign Language | 3 |
| | 16 | | 16 | | 16 |

The above program will complete all of the general studies requirements except six quarter hours of science, six quarter hours of humanities and three quarter hours of health education (language arts majors are permitted to waive six quarter hours of social studies at the junior level).

Students who are unable to take any of the courses listed above are encouraged to complete the general studies requirements by taking courses in science, humanities, and health education.

MANAGEMENT
SCHOOL OF BUSINESS

## First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Introduction to Physical Science | 4 | History (Western Civilization) | 4 |
| Music Understanding or Art Appreciation | 3 | Philosophy (Ethics) | 3 | World Literature for Composition | 3 |
| English Composition | 3 | English Composition | 3 | Speech | 3 |
| College Algebra & Trigonometry[1] | 5 | College Algebra & Trigonometry | 5 | Business Statistics | 3 |
| Physical Education | 1 | Physical Education | 1 | Health Education | 3 |
| | 16 | | 16 | Physical Education | 1 |
| | | | | | 17 |

## Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| History (Western Civilization) | 4 | Introductory Biology | 4 | Introductory Biology | 4 |
| Elementary Calculus | 5 | Introductory Sociology | 4 | General Psychology | 4 |
| Principles of Accounting | 4 | Principles of Accounting | 4 | Introduction to Drama | 3 |
| Economics (Macro) | 4 | Economics (Micro) | 4 | Managerial Accounting | 4 |
| | 17 | | 16 | | 15 |

[1] All majors in the School of Business are required to meet the above math requirements.

This program will complete all of the general studies requirements except ten quarter hours of humanities and six quarter hours of science. Accounting majors are permitted to waive six quarter hours of social studies at the junior level.

Students who are unable to take any of the professional courses listed above should attempt to complete their general studies requirements.

MANAGEMENT (GENERAL)
SCHOOL OF BUSINESS

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Introduction to Physical Science | 4 | History (Western Civilization) | 4 |
| Music Understanding or Art Appreciation | 3 | Philosophy (Ethics) | 3 | World Literature for Composition | 3 |
| English Composition | 3 | English Composition | 3 | Speech | 3 |
| College Algebra & Trigonometry[1] | 5 | College Algebra & Trigonometry | 5 | Business Statistics | 3 |
| Physical Education | 1 | Physical Education | 1 | Health Education | 3 |
| | 16 | | 16 | Physical Education | 1 |
| | | | | | 17 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| History (Western Civilization) | 4 | Introductory Biology | 4 | Introductory Biology | 4 |
| Elementary Calculus | 5 | Introductory Sociology | 4 | General Psychology | 4 |
| Principles of Accounting | 4 | Principles of Accounting | 4 | Introduction to Drama | 3 |
| Economics (Macro) | 4 | Economics (Micro) | 4 | Managerial Accounting | 4 |
| | 17 | | 16 | | 15 |

1 All majors in the School of Business are required to meet the above math requirements.

This program will complete all of the general studies requirements except ten quarter hours of humanities and six quarter hours of science. Accounting majors are permitted to waive six quarter hours of social studies at the junior level.

Students who are unable to take any of the professional courses listed above should attempt to complete their general studies requirements.

MANAGEMENT (PERSONNEL)
SCHOOL OF BUSINESS

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Introduction to Physical Science | 4 | History (Western Civilization) | 4 |
| Music Understanding or Art Appreciation | 3 | Philosophy (Ethics) | 3 | World Literature for Composition | 3 |
| English Composition | 3 | English Composition | 3 | Speech | 3 |
| College Algebra & Trigonometry[1] | 5 | College Algebra & Trigonometry | 5 | Business Statistics | 3 |
| Physical Education | 1 | Physical Education | 1 | Health Education | 3 |
| | 16 | | 16 | Physical Education | 1 |
| | | | | | 17 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| History (Western Civilization) | 4 | Introductory Biology | 4 | Introductory Biology | 4 |
| Elementary Calculus | 5 | Introductory Sociology | 4 | General Psychology | 4 |
| Principles of Accounting | 4 | Principles of Accounting | 4 | Introduction to Drama | 3 |
| Economics (Macro) | 4 | Economics (Micro) | 4 | Managerial Accounting | 4 |
| | 17 | | 16 | | 15 |

1 All majors in the School of Business are required to meet the above math requirements.

This program will complete all of the general studies requirements except ten quarter hours of humanities and six quarter hours of science. Accounting majors are permitted to waive six quarter hours of social studies at the junior level.

Students who are unable to take any of the professional courses listed above should attempt to complete their general studies requirements.

MANAGEMENT (PRODUCTION & SYSTEMS)
SCHOOL OF BUSINESS

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Introduction to Physical Science | 4 | History (Western Civilization) | 4 |
| Music Understanding or Art Appreciation | 3 | Philosophy (Ethics) | 3 | World Literature for Composition | 3 |
| English Composition | 3 | English Composition | 3 | Speech | 3 |
| College Algebra & Trigonometry[1] | 5 | College Algebra & Trigonometry | 5 | Business Statistics | 3 |
| Physical Education | 1 | Physical Education | 1 | Health Education | 3 |
| | 16 | | 16 | Physical Education | 1 |
| | | | | | 17 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| History (Western Civilization) | 4 | Introductory Biology | 4 | Introductory Biology | 4 |
| Elementary Calculus | 5 | Introductory Sociology | 4 | General Psychology | 4 |
| Principles of Accounting | 4 | Principles of Accounting | 4 | Introduction to Drama | 3 |
| Economics (Macro) | 4 | Economics (Micro) | 4 | Managerial Accounting | 4 |
| | 17 | | 16 | | 15 |

1 All majors in the School of Business are required to meet the above math requirements.

This program will complete all of the general studies requirements except ten quarter hours of humanities and six quarter hours of science. Accounting majors are permitted to waive six quarter hours of social studies at the junior level.

Students who are unable to take any of the professional courses listed above should attempt to complete their general studies requirements.

MARKETING
SCHOOL OF BUSINESS

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Introduction to Physical Science | 4 | History (Western Civilization | 4 |
| Music Understanding or Art Appreciation | 3 | Philosophy (Ethics) | 3 | World Literature for Composition | 3 |
| English Composition | 3 | English Composition | 3 | Speech | 3 |
| College Algebra & Trigonometry[1] | 5 | College Algebra & Trigonometry | 5 | Business Statistics | 3 |
| Physical Education | 1 | Physical Education | 1 | Health Education | 3 |
| | 16 | | 16 | Physical Education | 1 |
| | | | | | 17 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| History (Western Civilization) | 4 | Introductory Biology | 4 | Introductory Biology | 4 |
| Elementary Calculus | 5 | Introductory Sociology | 4 | General Psychology | 4 |
| Principles of Accounting | 4 | Principles of Accounting | 4 | Introduction to Drama | 3 |
| Economics (Macro) | 4 | Economics (Micro) | 4 | Managerial Accounting | 4 |
| | 17 | | 16 | | 15 |

[1] All majors in the School of Business are required to meet the above math requirements.

This program will complete all of the general studies requirements except ten quarter hours of humanities and six quarter hours of science. Accounting majors are permitted to waive six quarter hours of social studies at the junior level.

Students who are unable to take any of the professional courses listed above should attempt to complete their general studies requirements.

MATHEMATICS
COLLEGE OF EDUCATION

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Introduction to Physical Science | 4 | History (Western Civilization) | 4 |
| Art Appreciation | 3 | Philosophy (Ethics) | 3 | World Literature for Composition | 3 |
| English Composition | 3 | English Composition | 3 | Speech | 3 |
| College Algebra & Trigonometry[1] | 5 | Physical Education | 1 | Physical Education | 1 |
| Physical Education | 1 | College Algebra & Trigonometry[1] | 5 | Elementary Calculus & Analytic Geometry[1] | 5 |
| | 16 | | 16 | | 16 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| History (Western Civilization) | 4 | Introductory Biology | 4 | Introduction to Drama | 3 |
| Introductory Biology | 4 | General Psychology | 4 | Introduction to Sociology | 4 |
| University Physics[2] | 5 | Modern Literature | 4 | Health Education | 3 |
| Elementary Calculus & Analytic Geometry[1] | 5 | Intermediate Calculus & Analytic Geometry[1] | 5 | Intermediate Calculus & Analytic Geometry[1] | 4 |
| | 18 | | 17 | Minor (Elective) | 3 |
| | | | | | 17 |

[1] Proficiency examinations can be taken in any one or all of these courses.

[2] University Physics is required for mathematics majors.

Students who are unable to take courses listed above should attempt to take courses that will complete their remaining general studies requirements. General studies requirements which remain to be completed include: six quarter hours of social studies and six quarter hours of humanities. Mathematics majors may waive six quarter hours of science at the junior level.

NOTE: A year of foreign language is required for a mathematics major in the College of Education. It is recommended that students take either French, German or Russian.

MATHEMATICS
COLLEGE OF LIBERAL ARTS AND SCIENCES

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| History (Western Civilization) | 4 | History (Western Civilization) | 4 | History (Western Civilization) | 4 |
| Music Understanding | 3 | Philosophy (Ethics) | 3 | Speech | 3 |
| English Composition | 3 | English Composition | 3 | Physical Education | 1 |
| Physical Education | 1 | College Algebra & Trigonometry[1] | 5 | Elementary Calculus & Analytic Geometry[1] | 5 |
| College Algebra & Trigonometry | 5 | Physical Education | 1 | World Literature for Composition | 3 |
| | 16 | | 16 | | 16 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| History (Western Civilization) | 4 | Introductory Biology | 4 | Introductory Biology | 4 |
| Modern Literature | 4 | General Psychology | 4 | Intermediate Calculus & Analytic Geometry[1] | 4 |
| University Physics[2] | 5 | Intermediate Calculus & Analytic Geometry[1] | 5 | Elective | 3 |
| Elementary Calculus & Analytic Geometry[1] | 5 | University Physics[2] | 5 | Introductory Sociology | 4 |
| | 18 | | 18 | | 15 |

1 Proficiency examinations can be taken in any one or all of these courses.

2 University Physics is required for all mathematics majors.

Students who are unable to take courses listed above should attempt to take courses that will complete their remaining general studies requirements. General studies requirements which remain to be completed include six quarter hours of social studies, nine quarter hours of humanities, three quarter hours of health education, and nine quarter hours of foreign language. It is recommended that mathematics majors take either French, German, or Russian as their foreign language. Mathematics majors are permitted to waive six quarter hours of science at the junior level.

Students who enter into a collegiate program effective with the 1968 Fall Quarter or thereafter and who expect to graduate from the College of Liberal Arts and Sciences are required to complete either two years of foreign language and one year of mathematics or two years of mathematics and one year of foreign language.

# MICROBIOLOGY
## COLLEGE OF LIBERAL ARTS AND SCIENCES

### First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Anthropology | 4 | Introductory Biology | 4 | Introductory Biology | 4 |
| English Composition | 3 | English Composition | 3 | World Literature for Composition | 3 |
| Physical Education | 1 | Physical Education | 1 | Physical Education | 1 |
| College Algebra & Trigonometry | 5 | College Algebra & Trigonometry | 5 | General Chemistry & Qualitative Analysis | 5 |
| General Chemistry & Qualitative Analysis | 5 | General Chemistry & Qualitative Analysis | 5 | Elementary Calculus & Analytic Geometry | 5 |
| | 18 | | 18 | | 18 |

### Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| World Geography | 4 | Music Understanding or Art Appreciation | 3 | Philosophy (Ethics) | 3 |
| Foreign Language | 3 | Foreign Language | 3 | Foreign Language | 3 |
| Principles of Microbiology | 5 | Speech | 3 | General Qualitative or Organic Chemistry | 5 |
| Organic Chemistry | 5 | Organic Chemistry | 5 | General Microbiology | 5 |
| | 17 | | 14 | | 16 |

Students who are unable to take all of the physical and biological science courses listed above should attempt to take courses that will help satisfy the remaining general studies requirements. These include: fourteen quarter hours of social studies, thirteen quarter hours of humanities, and three quarter hours of health education. Microbiology majors may waive six quarter hours of science at the junior level.

Students who enter into a collegiate program effective with the 1968 Fall Quarter or thereafter and who expect to graduate from the College of Liberal Arts and Sciences are required to complete either two years of foreign language and one year of mathematics or two years of mathematics and one year of foreign language.

## BACHELOR OF MUSIC DEGREE
## (APPLIED MUSIC)
## SCHOOL OF FINE ARTS

### First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| History (Western Civilization) | 4 | History (Western Civilization) | 4 | World Composition for Literature | 3 |
| English Composition | 3 | English Composition | 3 | Philosophy (Ethics) | 3 |
| Theory of Music | 4 | Theory of Music | 4 | Theory of Music | 4 |
| Private Applied Music[1] | 4 | Private Applied Music | 4 | Private Applied Music | 4 |
| Class Applied Music[1] | 1 | Class Applied Music | 1 | Class Applied Music | 1 |
| Band or Chorus[2] | 1 | Band or Chorus[2] | 1 | Band or Chorus[2] | 1 |
| | 17 | | 17 | | 16 |

### Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Introduction to Physical Science | 4 | Speech | 3 |
| Fundamentals of Mathematics or Foreign Language | 3 | Fundamentals of Mathematics or Foreign Language | 3 | Fundamentals of Mathematics or Foreign Language | 3 |
| Theory of Music | 3 | Theory of Music | 3 | Theory of Music | 3 |
| Private Applied Music | 4 | Private Applied Music | 4 | Private Applied Music | 4 |
| Class Applied Music | 1 | Class Applied Music | 1 | Class Applied Music | 1 |
| Band or Chorus[2] | 1 | Band or Chorus[2] | 1 | Band or Chorus[2] | |
| Physical Education | 1 | Physical Education | 1 | Physical Education | 1 |
| | 17 | | 17 | | 15 |

1 A student whose primary instrument is voice shall elect piano as his secondary applied instrument until the piano proficiency examination is passed. This is also true for string and wind instrument majors. A student whose primary applied is piano may choose voice or some other instrument as the secondary applied.

Students unable to take the above courses should attempt to complete the following general studies requirements: six quarter hours of science, fourteen quarter hours of social studies, and three quarter hours of humanities. Music majors are permitted to waive six quarter hours of humanities at the junior level.

## BACHELOR OF MUSIC DEGREE
## (KEYBOARD-CLARINET OR ORIGINAL COMPOSITION)
## SCHOOL OF FINE ARTS

### First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| History (Western Civilization) | 4 | History (Western Civilization) | 4 | Introduction to Physical Science | 4 |
| English Composition | 3 | English Composition | 3 | World Literature for Composition | 3 |
| Theory of Music | 4 | Theory of Music | 4 | Theory of Music | 4 |
| Private Applied Music[1] | 2 | Private Applied Music | 2 | Private Applied Music | 2 |
| Class Applied Music[1] | 1 | Band or Chorus | 1 | Class Applied Music | 1 |
| Band or Chorus | 1 | Physical Education | 1 | Band or Chorus | 1 |
| Physical Education | 1 | Class Applied Music | 1 | Physical Education | 1 |
| | 16 | | 16 | | 16 |

### Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Introductory Biology | 4 | Introductory Biology | 4 |
| Philosophy (Ethics) | 3 | Foreign Language or Mathematics | 3 | Foreign Language or Mathematics | 3 |
| Foreign Language or Mathematics | 3 | Theory of Music | 3 | Theory of Music | 3 |
| Theory of Music | 3 | Private Applied Music | 2 | Private Applied Music | 2 |
| Private Applied Music | 2 | Class Applied Music | 1 | Class Applied Music | 1 |
| Class Applied Music | 1 | Speech | 3 | Band or Chorus | 1 |
| Band or Chorus | 1 | Band or Chorus | 1 | Health Education | 2 |
| | 17 | | 17 | | 17 |

1 A student whose primary instrument is voice shall elect piano as his secondary applied instrument until the piano proficiency examination is passed. This is also true for string and wind instrument majors. A student whose primary applied is piano may choose voice or some other instrument as the secondary applied.

Students unable to take the above courses should attempt to complete the following general studies requirements: six quarter hours of science, fourteen quarter hours of social studies, and three quarter hours of humanities. Music majors are permitted to waive six quarter hours of humanities at the junior level.

## BACHELOR OF MUSIC DEGREE
## (MUSIC EDUCATION-INSTRUMENTAL)
## SCHOOL OF FINE ARTS OR
## COLLEGE OF EDUCATION

### First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| History (American Civilization) | 4 | History (American Civilization) | 4 | Introduction to Physical Science | 4 |
| English Composition | 3 | English Composition | 3 | World Literature for Composition | 3 |
| Theory of Music | 4 | Theory of Music | 4 | Theory of Music | 4 |
| Private Applied Music[1] | 2 | Private Applied Music | 2 | Private Applied Music | 2 |
| Class Applied Music[2] | 1 | Class Applied Music | 1 | Class Applied Music | 1 |
| Choral Ensemble[2] | 1 | Choral Ensemble | 1 | Choral Ensemble | 1 |
| Physical Education | 1 | Physical Education | 1 | Physical Education | 1 |
| | 16 | | 16 | | 16 |

### Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Introductory Biology | 4 | Introductory Biology | 4 |
| Philosophy (Ethics) | 3 | Speech | 3 | Foreign Language or Mathematics | 3 |
| Foreign Language or Mathematics | 3 | Foreign Language or Mathematics | 3 | Theory of Music | 3 |
| Theory of Music | 3 | Theory of Music | 3 | Private Applied Music | 2 |
| Private Applied Music | 2 | Private Applied Music | 2 | Class Voice[3] | 1 |
| Class Applied Music | 1 | Class Applied Music | 1 | Class Applied Music | 1 |
| Choral Ensemble | 1 | Choral Ensemble | 1 | Choral Ensemble | 1 |
| | 17 | | 17 | Basic Education | 3 |
| | | | | | 18 |

1. A student whose primary applied instrument is voice shall elect piano as his secondary applied instrument until the piano proficiency examination is passed. A student whose primary applied instrument is piano will take private or class voice as a secondary applied area.

2. Students are required to schedule one of the performing organizations each quarter except when completing student teaching.

3. Class voice is required of all students with a choral emphasis except those whose primary applied is voice; these students may substitute study in another area.

Students unable to take the above courses should attempt to complete general studies requirements. Requirements which remain to be completed include: six hours of science, fourteen hours of social studies, and three hours of humanities. Music majors are permitted to waive six quarter hours of humanities at the junior level.

BACHELOR OF MUSIC DEGREE
(MUSIC EDUCATION-INSTRUMENTAL)
SCHOOL OF FINE ARTS OR
COLLEGE OF EDUCATION

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| History (Western Civilization) | 4 | History (Western Civilization) | 4 | Introduction to Physical Science | 4 |
| English Composition | 3 | English Compesition | 3 | World Literature for Composition | 3 |
| Theory of Music | 4 | Theory of Music | 4 | Theory of Music | 4 |
| Private Applied Music[1] | 2 | Private Applied Music | 2 | Private Applied Music | 2 |
| Class Applied Music[1] | 1 | Class Applied Music | 1 | Class Applied Music | 1 |
| Choral Ensemble[2] | 1 | Choral Ensemble | 1 | Choral Ensemble | 1 |
| Physical Education | 1 | Physical Education | 1 | Physical Education | 1 |
| | 16 | | 16 | | 16 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Introductory Biology | 4 | Introductory Biology | 4 |
| Philosophy (Ethics) | 3 | Speech | 3 | Foreign Language or Mathematics | 3 |
| Foreign Language or Mathematics | 3 | Foreign Language or Mathematics | 3 | Theory of Music | 3 |
| Theory of Music | 3 | Theory of Music | 3 | Private Applied Music | 2 |
| Private Applied Music | 2 | Private Applied Music | 2 | Class Voice[3] | 1 |
| Class Applied Music | 1 | Class Applied Music | 1 | Class Applied Music | 1 |
| Choral Ensemble | 1 | Choral Ensemble | 1 | Choral Ensemble | 1 |
| | 17 | | 17 | Health Education | 3 |
| | | | | | 18 |

1 A student whose primary applied instrument is voice shall elect piano as his secondary applied instrument until the piano proficiency examination is passed. A student whose primary applied instrument is piano will take private or class voice as a secondary applied area.

2 Students are required to schedule one of the performing organizations each quarter except when completing student teaching.

3 Class voice is required of all students with a choral emphasis except those whose primary applied is voice; these students may substitute study in another area.

Students unable to take the above courses should attempt to complete general studies requirements. Requirements which remain to be completed include: six hours of science, fourteen hours of social studies, and three hours of humanities. Music majors are permitted to waive six quarter hours of humanities at the junior level.

## NURSING
## CARBONDALE CAMPUS

| Fall | Hours | Winter | Hours |
|---|---|---|---|
| Introduction to Physical Science | 4 | Inorganic Chemistry | 4 |
| Introduction to Sociology | 4 | General Psychology | 4 |
| English Composition | 3 | English Composition | 3 |
| College Algebra & Trigonometry | 5 | Speech | 3 |
| | 16 | Philosophy (Ethics) | 3 |
| | | | 17 |

| Spring | Hours | Summer ** | Hours |
|---|---|---|---|
| Organic Chemistry | 4 | Introductory Biology | 4 |
| World Literature for Composition | 3 | Physiology | 4 |
| Introduction to Biology | 4 | Logic | 4 |
| Anatomy | 4 | Introduction to Drama | 3 |
| Music Understanding or Art Appreciation | 3 | | 15 |
| | 18 | | |

** This program is planned with the understanding that the student will transfer to the Edwardsville Campus at the end of the Summer Quarter.

Students who are unable to take the above courses should take eight quarter hours of social studies, six quarter hours of humanities and three quarter hours of health education.

PHILOSOPHY
COLLEGE OF LIBERAL ARTS AND SCIENCES

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Earth Science | 4 | Earth Science | 4 | Introductory Biology | 4 |
| Introduction to Anthropology | 4 | World Geography | 4 | Introduction to Sociology | 4 |
| Art Appreciation | 3 | Philosophy (Ethics) | 3 | World Literature for Composition | 3 |
| English Composition | 3 | English Composition | 3 | Speech | 3 |
| Physical Education | 1 | Physical Education | 1 | Physical Education | 1 |
| | 15 | | 15 | | 15 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introductory Biology | 4 | Humanities Elective | 4 | Logic | 4 |
| General Psychology | 4 | Foreign Language | 3 | Foreign Language | 3 |
| Foreign Language | 3 | Health Education | 3 | Electives | 10-11 |
| Elective | 6 | Electives | 7-8 | | 17-18 |
| | 17 | | 17-18 | | |

The above program will complete all of the general studies requirements except six quarter hours of science and six quarter hours of social studies. Students who are unable to take any of the above courses should attempt to take courses in science and social studies. Philosophy majors are permitted to waive six quarter hours of humanities at the junior level.

Students who enter into a collegiate program effective with the 1968 Fall Quarter or thereafter and who expect to graduate from the College of Liberal Arts and Sciences are required to complete either two years of foreign language and one year of mathematics or two years of mathematics and one year of foreign language.

PHOTOGRAPHY
SCHOOL OF COMMUNICATIONS

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| History (Western Civilization) | 4 | Earth Science | 4 | Earth Science | 4 |
| Art Appreciation | 3 | History (Western Civilization) | 4 | World Literature for Composition | 3 |
| English Composition | 3 | English Composition | 3 | Speech | 3 |
| Physical Education | 1 | Physical Education | 1 | Physical Education | 1 |
| Art (Basic Studio) | 5 | Art (Basic Studio) | 5 | Health Education | 3 |
| | 16 | | 17 | Elective | 3 |
| | | | | | 17 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introductory Biology | 4 | Introductory Biology | 4 | Science Elective | 3 |
| Philosophy (Ethics) | 3 | General Psychology | 4 | Introduction to Sociology | 4 |
| Mathematics or Foreign Language | 3 | Introduction to Poetry | 3 | Modern Literature | 4 |
| Elective | 3 | Mathematics or Foreign Language | 3 | Mathematics or Foreign Language | 3 |
| Fundamentals of Still Photography | 4 | Fundamentals of Still Photography | 4 | Fundamentals of Still Photography | 4 |
| | 17 | | 18 | | 18 |

The above program will complete all of the general studies requirements except three quarter hours of science and six quarter hours of social studies (photography majors may waive six quarter hours of humanities at the junior level).

Students who are unable to take the professional courses listed above such as Basic Art Studio, Fundamentals of Still Photography, etc., should attempt to take science and social studies courses that will complete the general studies requirements.

PHYSICAL EDUCATION (MEN)
COLLEGE OF EDUCATION

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Introduction to Physical Science | 4 | World Literature for Composition | 3 |
| History (Western Civilization) | 4 | History (Western Civilization) | 4 | Speech | 3 |
| Music Understanding | 3 | Philosophy (Ethics) | 3 | Health Education | 3 |
| English Composition | 3 | English Composition | 3 | Methods of Teaching Tennis | 6 |
| Methods of Teaching Swimming | 3 | Methods of Teaching Golf | 3 | Orientation Practicum in Physical Education | 2 |
| | 17 | | 17 | | 17 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introductory Biology | 4 | Introductory Biology | 4 | Social Studies Elective | 3 |
| Introduction to Sociology | 4 | General Psychology | 4 | Modern Literature | 4 |
| Mathematics or Foreign Language | 3 | Mathematics or Foreign Language | 3 | Mathematics or Foreign Language | 3 |
| Methods of Teaching Exercise | 3 | Methods of Teaching Basic Rhythms | 3 | Educational Psychology | 4 |
| Introduction to Drama | 3 | Humanities Elective | 3 | Elective | 3 |
| | 17 | | 17 | | 17 |

The above program will complete all of the general studies requirements except three quarter hours of social studies and three quarter hours of humanities (physical education majors are permitted to waive six quarter hours of science at the junior level).

Students who are unable to take the professional methods courses listed above should attempt to take social studies and humanities courses that will complete the general studies requirements.

PHYSICAL EDUCATION (WOMEN)
COLLEGE OF EDUCATION

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Earth Science | 4 | Earth Science | 4 | Philosophy (Ethics) | 3 |
| Introduction to Anthropology | 4 | Art Appreciation | 3 | World Geography | 4 |
| English Composition | 3 | English Composition | 3 | World Literature for Composition | 3 |
| Mathematics or Foreign Language | 3 | Mathematics or Foreign Language | 3 | Speech | 3 |
| Speedball | 1 | Basic Movement | 1 | Mathematics or Foreign Language | 3 |
| Folk Dance | 1 | Life Saving & Water Safety | 1 | Intermediate Swimming | 1 |
| | 16 | | 15 | Tennis | 1 |
| | | | | | 18 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introductory Biology | 4 | Introductory Biology | 4 | Principles of Physiology | 4 |
| General Psychology | 4 | Introduction to Sociology | 4 | History & Principles of Secondary Education | 4 |
| Logic | 4 | Introduction to Drama | 3 | Materials & Methods in Elementary Schools | 5 |
| Health Education | 3 | Educational Psychology | 4 | Techniques of Teaching Swimming | 3 |
| Beginning Contemporary Dance | 1 | Basketball | 1 | | |
| Hockey | 1 | Square & Social Dance | 1 | | |
| | 17 | | 17 | | 16 |

The above program will complete all of the general studies requirements except six quarter hours of social studies and six quarter hours of humanities (physical education majors are permitted to waive six quarter hours of science at the junior level).

Students who are unable to take any of the courses listed above should attempt to take courses in social studies and humanities that will complete the general studies requirements.

## PHYSICAL SCIENCE
## COLLEGE OF EDUCATION

### First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| General Chemistry & Qualitative Analysis | 5 | General Chemistry & Qualitative Analysis | 5 | General Chemistry & Qualitative Analysis | 5 |
| Music Understanding | 3 | Philosophy (Ethics) | 3 | World Literature for Composition | 3 |
| English Composition | 3 | English Composition | 3 | Speech | 3 |
| College Algebra & Trigonometry | 5 | College Algebra & Trigonometry | 5 | Physical Education | 1 |
| Physical Education | 1 | Physical Education | 1 | Health Education | 3 |
| | 17 | | 17 | | 15 |

### Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introductory Biology | 4 | Introductory Biology | 4 | General Psychology | 4 |
| History (Western Civilization) | 4 | History (Western Civilization) | 4 | American Government | 4 |
| Introduction to Drama | 3 | Introduction to Economics | 4 | Modern Literature | 4 |
| College Physics | 5 | College Physics | 5 | College Physics | 5 |
| | 16 | | 17 | | 17 |

The above program will complete all of the general studies requirements except six quarter hours of social studies and six quarter hours of humanities (physical science majors are permitted to waive six quarter hours of science at the junior level).

Students who are unable to take all of the physical science courses listed above should attempt to take social studies and humanities courses that will complete the general studies requirements.

PHYSICS
COLLEGE OF LIBERAL ARTS & SCIENCES

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Music Understanding | 3 | Philosophy (Ethics) | 3 | History (Western Civilization) | 4 |
| English Composition | 3 | English Composition | 3 | World Literature for Composition | 3 |
| Physical Education | 1 | Physical Education | 1 | Speech | 3 |
| College Algebra & Trigonometry | 5 | College Algebra & Trigonometry | 5 | Physical Education | 1 |
| General Chemistry & Qualitative Analysis[1] | 5 | General Chemistry & Qualitative Analysis[1] | 5 | Elementary Calculus & Analytic Geometry | 5 |
| | 17 | | 17 | | 16 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introductory Biology | 4 | Introductory Biology | 4 | General Psychology | 4 |
| History (Western Civilization) | 4 | Introduction to Sociology | 4 | Introduction to Drama | 3 |
| Elementary Calculus & Analytic Geometry | 5 | Intermediate Calculus & Analytic Geometry | 5 | Intermediate Calculus & Analytic Geometry | 4 |
| University Physics | 5 | University Physics | 5 | University Physics | 5 |
| | 18 | | 18 | | 16 |

[1] Required depending upon high school chemistry.

The above program will complete all of the general studies requirements except six quarter hours of social studies, nine quarter hours of humanities, three quarter hours of health education and nine quarter hours of foreign language (physics majors may waive six quarter hours of science at the junior level).

Students unable to take any of the above courses should attempt to complete the general studies requirements by taking courses in social studies, humanities, health education and foreign language.

Students who enter into a collegiate program effective with the 1968 Fall Quarter or thereafter and who expect to graduate from the College of Liberal Arts and Sciences are required to complete either two years of foreign language and one year of mathematics or two years of mathematics and one year of foreign language.

# PHYSICS
## COLLEGE OF LIBERAL ARTS AND SCIENCES

### First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Art Appreciation | 3 | Philosophy (Ethics) | 3 | World Literature for Composition | 3 |
| English Composition | 3 | English Composition | 3 | Speech | 3 |
| Physical Education | 1 | Physical Education | 1 | Physical Education | 1 |
| Elementary Calculus & Analytic Geometry | 5 | Elementary Calculus & Analytic Geometry | 5 | Intermediate Calculus & Analytic Geometry | 5 |
| College Physics[1] | 3 | College Physics[1] | 3 | College Physics[1] | 3 |
| College Physics Lab[1] | 1 | College Physics Lab[1] | 1 | College Physics Lab[1] | 1 |
| | 16 | | 16 | | 16 |

### Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introductory Biology | 4 | Introduction to Anthropology | 4 | World Geography | 4 |
| Intermediate Calculus & Analytic Geometry | 4 | Introductory Biology | 4 | Applied Mathematics for the Physical Sciences | 3 |
| Electric Circuits | 3 | General Chemistry & Qualitative Analysis[2] | 5 | General Chemistry & Qualitative Analysis | 5 |
| University Physics | 5 | Applied Math for the Physical Sciences | 3 | Introduction to Drama | 3 |
| Health Education | 3 | Electric Currents Lab | 2 | Introduction to Sociology | 4 |
| | 19 | | 18 | | 19 |

[1] College Physics is open only to freshmen who are able to start in the second course of College Algebra and Trigonometry.

[2] General Chemistry and Qualitative Analysis is required depending upon high school chemistry.

Students who are unable to take courses listed above should attempt to take courses that will complete their general studies requirements. These are ten quarter hours of social studies, ten quarter hours of humanities, and nine quarter hours of foreign language. Physics majors may waive six quarter hours of science at the junior level.

Students who enter into a collegiate program effective with the 1968 Fall Quarter or thereafter and who expect to graduate from the College of Liberal Arts and Sciences are required to complete either two years of foreign language and one year of mathematics or two years of mathematics and one year of foreign language.

## PHYSIOLOGY (PROFESSIONAL)*
## COLLEGE OF LIBERAL ARTS AND SCIENCES

### First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Anthropology | 4 | World Geography | 4 | World Literature for Composition | 3 |
| Philosophy (Ethics) | 3 | English Composition | 3 | Speech | 3 |
| English Composition | 3 | College Algebra & Trigonometry | 5 | College Algebra & Trigonometry | 5 |
| Physical Education | 1 | Physical Education | 1 | Physical Education | 1 |
| Health Education | 3 | General Chemistry & Qualitative Analysis | 5 | General Chemistry & Qualitative Analysis | 5 |
| | 14 | | 18 | | 17 |

### Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| General Psychology | 4 | Introductory Biology | 4 | Introductory Biology | 4 |
| Art Appreciation | 3 | Logic | 4 | Introduction to Sociology | 4 |
| Introduction to Fiction | 3 | Foreign Language | 3 | Foreign Language | 3 |
| Foreign Language | 3 | Biological Chemistry | 4 | General Quantitative Analysis | 5 |
| Biological Chemistry | 4 | | 15 | | 16 |
| | 17 | | | | |

* This curriculum is only for those students who plan to become professional physiologists. It will vary for pre-medical technologists and similar pre-professional students who wish to major in physiology.

The above program will complete all of the general studies requirements except six hours of social studies and six hours of humanities (physiology majors are permitted to waive six hours of science at the junior level).

Students who are unable to take courses listed above should attempt to take courses in social studies and humanities that will complete the general studies requirements.

Students who enter into a collegiate program effective with the 1968 Fall Quarter or thereafter and who expect to graduate from the College of Liberal Arts and Science are required to complete either two years of foreign language and one year of mathematics or two years of mathematics and one year of foreign language.

PLANT INDUSTRIES
SCHOOL OF AGRICULTURE

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Earth Science or General Chemistry & Qualitative Analysis | 4-5 | History (Western Civilization) | 4 |
| English Composition | 3 | English Composition | 3 | Art Appreciation | 3 |
| Physical Education | 1 | College Algebra & Trigonometry | 5 | World Literature for Composition | 3 |
| College Algebra & Trigonometry | 5 | Agriculture Elective | 4 | Physical Education | 1 |
| Agriculture Elective | 4 | | 16-17 | Agriculture Elective | 4 |
| | 17 | | | | 15 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| History (Western Civilization) | 4 | Introductory Biology | 4 | American Government | 4 |
| Philosophy (Ethics) | 3 | Introduction to Economics | 4 | Speech | 3 |
| Introductory Biology | 4 | Agriculture Elective | 4 | Introduction to Poetry | 3 |
| Physical Education | 1 | Logic | 4 | Health Education | 3 |
| Agriculture Elective | 4 | | 16 | Agriculture Elective | 4 |
| | 16 | | | | 17 |

The above program will complete all of the general studies requirements except six quarter hours of social studies and six quarter hours of humanities (agriculture economics majors are permitted to waive six quarter hours of science at the junior level).

Students who are unable to take any of the above courses should attempt to take social studies and humanities courses that will complete the general studies requirements as indicated above.

Transfer students are required to have by graduation a minimum of one course in each of the following: College Algebra, Botany or Biology, Chemistry, Economics, and Speech.

PSYCHOLOGY
COLLEGE OF LIBERAL ARTS AND SCIENCES

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science[1] | 4 | Introduction to Physical Science[1] | 4 | Introductory Biology | 4 |
| World Geography | 4 | Introduction to Anthropology | 4 | Introduction to Sociology | 4 |
| English Composition | 3 | English Composition | 3 | World Literature for Composition | 3 |
| Physical Education | 1 | Physical Education | 1 | Speech | 3 |
| College Algebra & Trigonometry[2] | 5 | College Algebra & Trigonometry[2] | 5 | Physical Education | 1 |
| | 17 | | 17 | | 15 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introductory Biology | 4 | Principles of Physiology | 4 | Science Elective | 5 |
| General Psychology | 4 | Philosophy (Ethics) | 3 | Logic | 4 |
| Foreign Language | 5 | Introduction to Drama | 3 | Foreign Language | 5 |
| English Education | 3 | Foreign Language | 5 | Principles & Methods of Psychology | 4 |
| Music Understanding or Art Appreciation | 3 | Principles & Methods of Psychology | 4 | Elective | 3 |
| | 17 | | 17 | | 17 |

1 The Psychology Department recommends that students take a more advanced level of Chemistry and Physics if possible.

2 The minimum mathematics requirement for Psychology majors is College Algebra and Trigonometry.

Students who are unable to take courses listed above should attempt to take science and humanities courses that will complete the general studies requirements as indicated above.

Students who enter into a collegiate program effective with the 1968 Fall Quarter or thereafter and who expect to graduate from the College of Liberal Arts and Sciences are required to complete either two years of foreign language and one year of mathematics or two years of mathematics and one year of foreign language.

## RADIO & TELEVISION
## SCHOOL OF COMMUNICATION

### First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Earth Science | 4 | Earth Science | 4 | Introductory Biology | 4 |
| Music Understanding | 3 | Philosophy (Ethics) | 3 | World Geography | 4 |
| English Composition | 3 | English Composition | 3 | World Literature for Composition | 3 |
| Physical Education | 1 | Health Education | 3 | Speech | 3 |
| Radio-Television Speaking | 4 | Survey of Broadcasting | 3 | Broadcast Production Analysis | 3 |
| | 15 | | 16 | | 17 |

### Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introductory Biology | 4 | General Psychology | 4 | Introduction to Sociology | 4 |
| Introduction to Anthropology | 4 | Contemporary Environment | 4 | Mathematics or Foreign Language | 3 |
| Introduction to Drama | 3 | Mathematics or Foreign Language | 3 | Physical Education | 1 |
| Mathematics or Foreign Language | 3 | Physical Education | 1 | Television Production | 4 |
| Audio Control Room Practices | 3 | Radio Program Production | 4 | Minor (Elective) | 4 |
| | 17 | | 16 | | 16 |

The above program will complete all of the general studies requirements except six quarter hours of science and six quarter hours of social studies (radio and television majors are permitted to waive six quarter hours of humanities at the junior level).

Students who are unable to take the professional courses listed above such as Survey of Broadcasting and Broadcast Production Analysis should attempt to take science and social studies courses that will complete the general studies requirements as indicated above.

NOTE: Radio and television majors are required to a minor and must pass a typing test.

## RECREATION AND OUTDOOR EDUCATION
## COLLEGE OF EDUCATION

### First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Earth Science | 4 | Earth Science | 4 | Introductory Biology | 4 |
| Introduction to Anthropology | 4 | World Geography | 4 | Introduction to Economics | 4 |
| Music Understanding or Art Appreciation | 3 | Philosophy (Ethics) | 3 | World Literature for Composition | 3 |
| Mathematics or Foreign Language | 3 | Mathematics or Foreign Language | 3 | Mathematics or Foreign Language | 3 |
| English Composition | 3 | English Composition | 3 | Speech | 3 |
| Physical Education | 1 | Physical Education | 1 | Physical Education | 1 |
| | 18 | | 18 | | 18 |

### Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introductory Biology | 4 | American Government | 4 | Introduction to Sociology | 4 |
| General Psychology | 4 | Humanities Electives | 7 | Humanities Electives | 6 |
| Health Education | 3 | First Aid | 4 | Programs in Recreation | 3 |
| State & Local Government | 5 | Leisure & Recreation | 3 | Business & Professional Speaking | 4 |
| Social Recreation | 2 | | 18 | | 17 |
| | 18 | | | | |

The above program will complete all of the general studies requirements except six quarter hours of science (recreation and outdoor education majors are permitted to waive six quarter hours of social studies at the junior level).

Students who are unable to take courses listed above should attempt to take science courses that will complete the general studies requirements as indicated above.

SOCIAL STUDIES
COLLEGE OF EDUCATION

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Introduction to Physical Science | 4 | Introduction to Anthropology | 4 |
| History (Western Civilization) | 4 | History (Western Civilization) | 4 | World Literature for Composition | 3 |
| English Composition | 3 | English Composition | 3 | Art Appreciation | 3 |
| Mathematics or Foreign Language | 3 | Mathematics or Foreign Language | 3 | Speech | 3 |
| Physical Education | 1 | Physical Education | 1 | Mathematics or Foreign Language | 3 |
| | 15 | | 15 | Physical Education | 1 |
| | | | | | 17 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introductory Biology | 4 | Introductory Biology | 4 | Science Elective | 3 |
| American Government | 4 | Introduction to Economics | 4 | General Psychology | 4 |
| History of the United States | 3 | History of the United States | 3 | History of the United States | 3 |
| Philosophy (Ethics) | 3 | Introduction to Drama | 3 | Introduction to Sociology | 4 |
| World Literature | 3 | Health Education | 3 | Humanities Elective | 3 |
| | 17 | | 17 | | 17 |

The above program will complete all of the general studies requirements except three quarter hours of science and three quarter hours of humanities (social studies majors are permitted to waive six quarter hours of social studies at the junior level).

Students who are unable to take courses listed above should attempt to take science and humanities courses that will complete the general studies requirements as indicated.

The social studies major consists of 92 quarter hours in History, Economics, Government, Sociology, and Geography. Twenty-four hours must be in history, 24 in each of the other two areas, and 12 in each of the remaining two areas. No minor is required for social studies majors.

SOCIOLOGY (GENERAL)
COLLEGE OF LIBERAL ARTS AND SCIENCES

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Earth Science | 4 | Earth Science | 4 | Music Understanding or Art Appreciation | 3 |
| Introduction to Anthropology | 4 | World Geography | 4 | World Literature for Composition | 3 |
| English Composition | 3 | English Composition | 3 | Speech | 3 |
| Physical Education | 1 | Physical Education | 1 | Physical Education | 1 |
| Mathematics or Foreign Language | 3-5 | Mathematics or Foreign Language | 3-5 | Health Education | 3 |
| | 15-17 | | 15-17 | Mathematics or Foreign Language | 3-5 |
| | | | | | 16-18 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Sociology | 4 | Introductory Biology | 4 | Introductory Biology | 4 |
| Introduction to Drama | 3 | Philosophy (Ethics) | 3 | Logic | 4 |
| Mathematics or Foreign Language | 3-5 | Mathematics or Foreign Language | 3-5 | General Psychology | 4 |
| Mathematics or Foreign Language | 3-5 | Mathematics or Foreign Language | 3-5 | Mathematics or Foreign Language | 3-5 |
| | 13-17 | | 13-17 | | 15-17 |

1 Students who enter into a collegiate program effective with the 1968 Fall Quarter or thereafter and who expect to graduate from the College of Liberal Arts and Sciences are required to complete either two years of foreign language and one year of mathematics or two years of mathematics and one year of foreign language. Students who elect to take two years of mathematics are required to complete one year of College Algebra and Trigonometry and one year of Elementary Calculus.

The above program will complete all of the general studies requirements except six quarter hours of humanities and six quarter hours of science. Sociology majors are permitted to waive six quarter hours of social studies at the junior level. Students who are unable to take courses listed above should attempt to take courses that will complete their general studies requirements.

SOCIOLOGY (SOCIAL WORK)
COLLEGE OF LIBERAL ARTS AND SCIENCES

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Earth Science | 4 | Earth Science | 4 | Music Understanding or Art Appreciation | 3 |
| Introduction to Anthropology | 4 | World Geography | 4 | World Literature for Composition | 3 |
| English Composition | 3 | English Composition | 3 | Speech | 3 |
| Physical Education | 1 | Physical Education | 1 | Physical Education | 1 |
| Mathematics or Foreign Language | 3-5 | Mathematics or Foreign Language | 3-5 | Health Education | 3 |
| | 15-17 | | 15-17 | Mathematics or Foreign Language | 3-5 |
| | | | | | 16-18 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Sociology | 4 | Introductory Biology | 4 | Introductory Biology | 4 |
| Introduction to Drama | 3 | Philosophy (Ethics) | 3 | Logic | 4 |
| Mathematics or Foreign Language | 3-5 | Mathematics or Foreign Language | 3-5 | General Psychology | 4 |
| Mathematics or Foreign Language | 3-5 | Mathematics or Foreign Language | 3-5 | Mathematics or Foreign Language | 3-5 |
| | 13-17 | | 13-17 | | 15-17 |

1 Students who enter into a collegiate program effective with the 1968 Fall Quarter or thereafter and who expect to graduate from the College of Liberal Arts and Sciences are required to complete either two years of foreign language and one year of mathematics or two years of mathematics and one year of foreign language. Students who elect to take two years of mathematics are required to complete one year of College Algebra and Trigonometry and one year of Elementary Calculus.

The above program will complete all of the general studies requirements except six quarter hours of humanities and six quarter hours of science. Sociology majors are permitted to waive six quarter hours of social studies at the junior level. Students who are unable to take courses listed above should attempt to take courses that will complete their general studies requirements.

SPECIAL EDUCATION (MENTALLY RETARDED)
COLLEGE OF EDUCATION

**First Year**

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Earth Science | 4 | Earth Science | 4 | Introductory Biology | 4 |
| Introduction to Anthropology | 4 | World Geography | 4 | Introduction to Sociology | 4 |
| Art Appreciation | 3 | Philosophy (Ethics) | 3 | World Literature for Composition | 3 |
| English Composition | 3 | English Composition | 3 | Speech | 3 |
| Physical Education | 1 | Physical Education | 1 | Physical Education | 1 |
| Electives | 2 | | 15 | | 15 |
| | 17 | | | | |

**Second Year**

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introductory Biology | 4 | Science Elective | 3 | Science Elective | 3 |
| General Psychology | 4 | History of the United States | 3 | History of the United States | 3 |
| Introduction to Drama | 3 | Fundamentals of Mathematics | 3 | Fundamentals of Mathematics | 3 |
| Fundamentals of Mathematics | 3 | Modern Literature | 4 | Child Psychology | 4 |
| Health Education | 3 | Music Education-Elementary | 3 | Language Arts Elective | 3 |
| | 17 | | 16 | | 16 |

The above program completes all of the general studies program (special education majors are permitted to waive six quarter hours of humanities at the junior level).

## SPECIAL EDUCATION (ACOUSTICALLY HANDICAPPED)
## COLLEGE OF EDUCATION

### First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Earth Science | 4 | Earth Science | 4 | Environmental Biology | 4 |
| Introduction to Anthropology | 4 | World Geography | 4 | Introduction to Sociology | 4 |
| Art Appreciation | 3 | Philosophy (Ethics) | 3 | World Literature for Composition | 3 |
| English Composition | 3 | English Composition | 3 | Speech | 3 |
| Physical Education | 1 | Physical Education | 1 | Physical Education | 1 |
| | 15 | | 15 | | 15 |

### Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Environmental Biology | 4 | Science Elective | 3 | Science Elective | 3 |
| General Psychology | 4 | Fundamentals of Mathematics | 3 | Fundamentals of Mathematics | 3 |
| Introduction to Drama | 3 | Modern Literature | 4 | American Government | 4 |
| Fundamentals of Mathematics | 3 | Child Psychology | 3 | Health Education | 3 |
| | 14 | Race and Minority Relations | 3 | Educational Psychology | 4 |
| | | | 16 | | 17 |

The above program completes all of the general studies program (special education majors are permitted to waive six quarter hours of humanities at the junior level).

SPEECH
COLLEGE OF LIBERAL ARTS AND SCIENCES

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| History (Western Civilization) | 4 | History (Western Civilization) | 4 | Introduction to Physical Science | 4 |
| Music Understanding or Art Appreciation | 3 | Philosophy (Ethics) | 3 | General Psychology | 4 |
| English Composition | 3 | English Composition | 3 | World Literature for Composition | 3 |
| Fundamentals of Mathematics[1] | 3 | Fundamentals of Mathematics | 3 | Fundamentals of Mathematics | 3 |
| Health Education | 3 | Speech | 3 | Physical Education | 1 |
| | 16 | Physical Education | 1 | | 15 |
| | | | 17 | | |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Introductory Biology | 4 | Introductory Biology | 4 |
| Introduction to Sociology | 4 | Oral Interpretation | 4 | Introduction to Drama | 3 |
| Foreign Language | 3 | Foreign Language | 3 | Foreign Language | 3 |
| Physical Education | 1 | Principles of Discussion | 3 | Forensic Activities | 1 |
| Public Speaking | 4 | Speach Elective | 4 | Speech Elective | 4 |
| | 16 | | 18 | | 15 |

1 The department prefers that majors take 18 hours of foreign language and 9 hours of mathematics. Students in the College of Liberal Arts and Sciences are required to complete either two years of foreign language and one year of mathematics or conversely. The above program will complete all of the general studies requirements except six quarter hours of science and six quarter hours of social studies. Speech majors are permitted to waive six quarter hours of social studies or humanities at the junior level. Speech majors should take at least two courses in American History.

Students who are unable to take professional courses listed above are encouraged to complete their general studies requirements.

SPEECH
SCHOOL OF COMMUNICATIONS

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| History (Western Civilization) | 4 | History (Western Civilization) | 4 | Earth Science | 4 |
| Music Understanding | 3 | Philosophy (Ethics) | 3 | Public Speaking or Principles of Argumentation & Debate | 3-4 |
| English Composition | 3 | English Composition | 3 | Mathematics or Foreign Language | 3 |
| Mathematics or Foreign Language | 3 | Mathematics or Foreign Language | 3 | Physical Education | 1 |
| Health Education | 3 | Speech | 3 | World Literature for Composition | 3 |
| | 16 | Physical Education | 1 | | 14-15 |
| | | | 17 | | |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| General Psychology | 4 | Introductory Biology | 4 | Introductory Biology | 4 |
| Earth Science | 4 | Introduction to Sociology | 4 | Oral Interpretation | 4 |
| Humanities Elective | 4 | Principles of Discussion | 3 | Speech Elective | 2-4 |
| Physical Education | 1 | Training the Speaking Voice or Phonetics | 4 | Speech Elective | 2-4 |
| Principles of Argumentation & Debate | 3-4 | Forensic Activities | 1 | Minor | 3-4 |
| Forensic Activities | 1 | | 16 | | 15-20 |
| | 16-17 | | | | |

The above program will complete all of the general studies requirements except six quarter hours of science and six quarter hours of social studies. Speech majors are permitted to waive six quarter hours of humanities at the junior level.

Students who are unable to take the above professional speech courses are encouraged to complete the general studies requirements. Speech majors should take two courses in American History.

SPEECH (PATHOLOGY & AUDIOLOGY)
COLLEGE OF EDUCATION AND SCHOOL OF COMMUNICATIONS

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Earth Science | 4 | Earth Science | 4 | Introductory Biology | 4 |
| History (Western Civilization) | 4 | History (Western Civilization) | 4 | Introduction to Drama | 3 |
| Music Understanding | 3 | Philosophy (Ethics) | 3 | World Literature for Composition | 3 |
| English Composition | 3 | English Composition | 3 | Speech | 3 |
| Mathematics or Foreign Language | 3 | Mathematics or Foreign Language | 3 | Mathematics or Foreign Language | 3 |
| Physical Education | 1 | Physical Education | 1 | Physical Education | 1 |
| | 18 | | 18 | | 17 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| General Psychology | 4 | Introductory Biology | 4 | Introduction to Sociology | 4 |
| Humanities Elective | 4 | Health Education | 3 | American Educational Systems | 3 |
| Phonetics | 4 | Elective | 3 | Elementary School Methods | 4 |
| Articulatory Problems & Delayed Speech | 4 | Child Psychology | 4 | Humanities Elective | 3 |
| | 16 | Voice and Cleft Palate | 4 | Introduction to Speech Science | 4 |
| | | | 18 | | 18 |

The above program will complete all of the general studies requirements except three quarter hours of social studies and three quarter hours of humanities. Speech Pathology and Audiology majors may waive six quarter hours of humanities at the junior level.

Students who are unable to take courses listed above are encouraged to complete their general studies requirements.

SPEECH (TEACHING)
COLLEGE OF EDUCATION AND SCHOOL OF COMMUNICATIONS

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| History (Western Civilization) | 4 | History (Western Civilization) | 4 | World Literature for Composition | 3 |
| Music Understanding | 3 | Philosophy (Ethics) | 3 | Earth Science | 4 |
| English Composition | 3 | English Composition | 3 | Public Speaking or Principles of Argumentation & Debate | 4 |
| Mathematics or Foreign Language | 3 | Mathematics or Foreign Language | 3 | Mathematics or Foreign Language | 3 |
| Health Education | 3 | Speech | 3 | Physical Education | 1 |
| | 16 | Physical Education | 1 | | 15 |
| | | | 17 | | |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| General Psychology | 4 | Introductory Biology | 4 | Introductory Biology | 4 |
| Earth Science | 4 | Introduction to Sociology | 4 | Logic | 4 |
| Oral Interpretation of Literature | 4 | Training the Speaking Voice or Phonetics | 4 | Dramatic Activities | 1 |
| Physical Education | 1 | Principles of Discussion | 3 | Educational Psychology or Adolescent Psychology | 4 |
| Public Speaking or Principles of Argumentation & Debate | 4 | Forensic Activities | 1 | Oral Interpretation II | 4 |
| Forensic Activities | 1 | | 16 | | 17 |
| | 18 | | | | |

The above program will complete all of the general studies requirements except six quarter hours of science and six quarter hours of social studies. Speech majors are permitted to waive six quarter hours of humanities or social studies at the junior level.

Students who are unable to take the professional courses listed above should attempt to take courses that will complete their general studies requirements.

## TECHNICAL AND INDUSTRIAL EDUCATION
## SCHOOL OF TECHNOLOGY

### First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Introduction to Physical Science | 4 | History (Western Civilization) | 4 |
| English Composition | 3 | English Composition | 3 | World Literature for Composition | 3 |
| Physical Education | 1 | Physical Education | 1 | Art Appreciation | 3 |
| College Algebra & Trigonometry | 3 | College Algebra & Trigonometry | 3 | Physical Education | 1 |
| Orientation | 2 | Graphic Communication | 3 | Graphic Communication | 3 |
| | 13 | | 14 | Option Requirement[1] | 3 |
| | | | | | 17 |

### Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introductory Biology | 4 | Introductory Biology | 4 | Introduction to Sociology | 4 |
| History (Western Civilization) | 4 | General Psychology | 4 | Logic | 4 |
| Philosophy (Ethics) | 3 | Speech | 3 | Health Education | 3 |
| Option Requirements[1] | 6 | Option Requirements[1] | 6 | Option Requirements[1] | 6 |
| | 17 | | 17 | | 17 |

[1] Requirements are different for each option:

A. Industrial Arts Teaching - required courses: IT 308a-4, 308e-3, 309a-3, 312a-3, 320a-4, 327a-3, 363a-3, T & Ind 380-8, Special teaching areas-36 hours.

B. Trades and Industries Teaching - required courses: T & Ind 319-12 to 24, 456-3, 457-3, 476-3, Tech 239 or major specialty-43.

C. Technical Teaching - required courses: Apd 307-3, Engr 222-2, Tech 319-3, major specialty-40, related area-33.

D. Manual Arts Therapy - required courses: IT 308a-4, 308e-3, 309a-3, 312a-3, 320a-3, 322a-3, 327a-3, 363a-3, Psych 305-4, 307-4, 443-4, HEd 336a-4, Physiol 300-4, 433-2, selected electives-19.

Students who are unable to take courses listed above should attempt to take courses that will help satisfy the remaining general studies requirements. These are six quarter hours of science and ten quarter hours of humanities (industrial education majors may waive six quarter hours of social studies at the junior level).

THEATER
COLLEGE OF LIBERAL ARTS AND SCIENCES

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Earth Science | 4 | Earth Science | 4 | History (Western Civilization) | 4 |
| Art Appreciation | 3 | English Composition | 3 | World Literature for Composition | 3 |
| English Composition | 3 | Foreign Language | 3 | Speech | 3 |
| Foreign Language | 3 | Staging Techniques | 3 | Foreign Language | 3 |
| Physical Education | 1 | Philosophy (Ethics) | 3 | Physical Education | 1 |
| Theater Arts | 3 | Physical Education | 1 | Oral Interpretation | 4 |
| | 17 | | 17 | | 18 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introductory Biology | 4 | Introductory Biology | 4 | Science Elective | 3 |
| Introduction to Poetry | 3 | History (Western Civilization) | 4 | Introduction to Sociology | 4 |
| Physical Education | 1 | History of the Theater | 3 | Dramatic Activities | 1 |
| Mathematics | 3 | Mathematics | 3 | History of the Theater | 3 |
| Foreign Language | 3 | Foreign Language | 3 | Mathematics | 3 |
| Introduction to Drama | 3 | | 17 | Foreign Language | 3 |
| | 17 | | | | 17 |

The above program will complete all of the general studies requirements except three quarter hours of science, ten quarter hours of social studies, and three quarter hours of health education. Theater majors are permitted to waive six quarter hours of humanities at the junior level.

Students who are unable to take the professional courses listed above should attempt to take courses that will complete their general studies requirements.

Students who enter into a collegiate program effective with the 1968 Fall Quarter or thereafter and who expect to graduate from the College of Liberal Arts and Sciences are required to complete either two years of foreign language and one year of mathematics or two years of mathematics and one year of foreign language.

THEATER
SCHOOL OF COMMUNICATIONS

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Physical Science | 4 | Introduction to Physical Science | 4 | History (Western Civilization) | 4 |
| Introduction to Western Humanities | 3 | History (Western Civilization) | 4 | Introduction to Western Humanities | 3 |
| English Composition | 3 | Introduction to Western Humanities | 3 | Mathematics or Foreign Language | 3 |
| Mathematics or Foreign Language | 3 | English Composition | 3 | Physical Education | 1 |
| Physical Education | 1 | Foreign Language or Mathematics | 3 | Speech | 3 |
| Staging Techniques | 3 | | | Staging Techniques | 3 |
| | 17 | | 17 | | 17 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introductory Biology | 4 | Introduction to Sociology | 4 | Social Studies Elective | 3 |
| General Psychology | 4 | Introductory Biology | 4 | Science Elective | 3 |
| Oral Interpretation | 4 | Staging Techniques | 3 | Fundamentals of Theatrical Design | 4 |
| Physical Education | 1 | Acting | 4 | History of the Theater | 3 |
| Introduction to Drama | 3 | History of the Theater | 3 | Health Education | 3 |
| | 16 | | 18 | | 16 |

The above program will complete all of the general studies requirements except three quarter hours of science and three quarter hours of social studies. Theater majors are permitted to waive six quarter hours of humanities at the junior level.

Students who are unable to take courses listed above should attempt to take courses that will complete their general studies requirements.

## ZOOLOGY
## COLLEGE OF LIBERAL ARTS AND SCIENCES

### First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Anthropology | 4 | World Geography | 4 | Introduction to Physical Science | 4 |
| Music Understanding | 3 | Philosophy (Ethics) | 3 | General Psychology | 4 |
| English Composition | 3 | English Composition | 3 | World Literature for Composition | 3 |
| College Algebra & Trigonometry | 5 | College Algebra & Trigonometry | 5 | Speech | 3 |
| Physical Education | 1 | Physical Education | 1 | Physical Education | 1 |
| | 16 | | 16 | | 15 |

### Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| General Chemistry & Qualitative Analysis | 5 | General Chemistry & Qualitative Analysis | 5 | Logic | 4 |
| Introductory Biology | 4 | Introductory Biology | 4 | Foreign Language | 3 |
| Foreign Language | 3 | Introduction to Sociology | 4 | General Inverterbrate Zoology | 5 |
| Health Education | 3 | Foreign Language | 3 | Elective | 4 |
| | 15 | | 16 | | 16 |

Students who are unable to take all of the courses listed above should attempt to take courses that will help satisfy the remaining general studies requirements. These are six quarter hours of social studies and ten quarter hours of humanities (zoology majors may waive six quarter hours of science at the junior level).

Students who enter into a collegiate program effective with the 1968 Fall Quarter or thereafter and who expect to graduate from the College of Liberal Arts and Sciences are required to complete either two years of foreign language and one year of mathematics or two years of mathematics and one year of foreign language.

# PHYSICAL THERAPY
## (Pre-Professional)
## COLLEGE OF LIBERAL ARTS AND SCIENCES

### First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| History (Western Civilization) | 4 | History (Western Civilization) | 4 | World Literature for Composition | 3 |
| Music Understanding or Art Appreciation | 3 | English Composition | 3 | Speech | 3 |
| English Composition | 3 | Physical Education | 1 | Physical Education | 1 |
| Health Education | 3 | General Chemistry & Qualitative Analysis | 5 | General Chemistry & Qualitative Analysis | 5 |
| Physical Education | 1 | College Algebra & Trigonometry | 5 | College Algebra & Trigonometry | 5 |
| | 14 | | 18 | | 17 |

### Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| General Psychology | 4 | Introductory Biology | 4 | Introductory Biology | 4 |
| Philosophy (Ethics) | 3 | Introduction to Drama | 3 | Psychobiological Foundations of Behavior | 3 |
| Modern Literature | 4 | Foreign Language | 3 | Introduction to Sociology | 4 |
| Foreign Language | 3 | Child Psychology | 4 | Foreign Language | 3 |
| Elective | 4 | Elective | 4 | Social Psychology | 4 |
| | 18 | | 18 | | 18 |

The above program will complete all of the general studies requirements except six quarter hours of social studies and six quarter hours of humanities. Physical Therapy majors are permitted to waive six quarter hours of science at the junior level.

Students in the College of Liberal Arts and Sciences are required to complete either two years of mathematics and one year of foreign language or two years of foreign language and one year of mathematics. If two years of mathematics are to be taken, it must include a year of College Algebra and Trigonometry and a year of Elementary Calculus.

Students may apply to a professional school after two years and take two years at that school. If a student applies after three years of college, he attends the professional school for one year. The undergraduate courses should emphasize anatomy, physiology, psychology and physical education. A second year of English literature is advised. The student should make sure that he completes the major in the fourth year if he wishes to receive the bachelor's degree at Southern Illinois University. The major is most preferable from physiology, psychology or physical education.

PRE-DENISTRY (Pre-professional)
COLLEGE OF LIBERAL ARTS AND SCIENCES

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| History (Western Civilization) | 4 | History (Western Civilization) | 4 | World Literature for Composition | 3 |
| Art Appreciation | 3 | English Composition | 3 | Physical Education | 1 |
| English Composition | 3 | Physical Education | 1 | General Chemistry & Qualitative Analysis | 5 |
| Physical Education | 1 | General Chemistry & Qualitative Analysis | 5 | College Algebra & Trigonometry | 5 |
| Health Education | 3 | College Algebra & Trigonometry | 5 | Speech | 3 |
| | 14 | | 18 | | 17 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| General Psychology | 4 | Introductory Biology | 4 | Introductory Biology | 4 |
| Philosophy (Ethics) | 3 | Modern Literature | 4 | Introduction to Sociology | 4 |
| Introduction to Drama | 3 | Foreign Language | 3 | Foreign Language | 3 |
| Foreign Language | 3 | Organic Chemistry | 4 | General Quantitative Analysis | 5 |
| Organic Chemistry (Pre-professional) | 4 | | 15 | | 16 |
| | 17 | | | | |

The above program will complete all of the general studies requirements except six quarter hours of social studies and six quarter hours of humanities.

If a pre-dental student completes all work on this sheet at Southern Illinois University, he may transfer the first year of dental school, if his grades are at least a C average, back to S.I.U. and receive the A.B. degree. The total hours for graduation are 194, of which 64 must be on the 300 and 400 level. A total of 48 hours can be transferred from a dental school toward a major and these may be counted as 300-400 level hours.

Students who enter into a collegiate program effective with the 1968 Fall Quarter or thereafter and who expect to graduate from the College of Liberal Arts and Sciences are required to complete either two years of foreign language and one year of mathematics or two years of mathematics and one year of foreign language.

PRE-ENGINEERING
SCHOOL OF TECHNOLOGY

First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| General Chemistry & Qualitative Analysis | 5 | General Chemistry & Qualitative Analysis | 5 | Introduction to Anthropology | 4 |
| English Composition | 3 | English Composition | 3 | World Literature for Composition | 3 |
| Physical Education | 1 | Physical Education | 1 | Physical Education | 1 |
| Elementary Calculus & Analytic Geometry | 5 | Elementary Calculus & Analytic Geometry | 5 | Graphic Communication | 5 |
| Graphic Communication | 3 | Graphic Communication | 3 | Graphic Communication | 3 |
| | 17 | | 17 | | 16 |

Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Music Understanding | 3 | Introductory Biology | 4 | Introductory Biology | 4 |
| Speech | 3 | Philosophy (Ethics) | 3 | World Geography | 4 |
| Analytical Mechanics | 3 | Health Education | 3 | Analytical Mechanics | 3 |
| University Physics | 5 | Analytical Mechanics | 3 | University Physics | 5 |
| Intermediate Calculus & Analytic Geometry | 4 | University Physics | 5 | Digital Computer Programing for Engineers | 3 |
| | 18 | | 18 | | 19 |

The above courses will complete all of the general studies courses except fourteen quarter hours of social studies and thirteen hours of humanities. Engineering majors are permitted to waive six quarter hours of science at the junior level.

## PRE-LAW (Pre-Professional)
## COLLEGE OF LIBERAL ARTS & SCIENCES

### First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Earth Science | 4 | Earth Science | 4 | Introductory Biology | 4 |
| Art Appreciation | 4 | History (Western Civilization) | 4 | History (Western Civilization) | 4 |
| English Composition | 3 | English Composition | 3 | World Literature for Composition | 3 |
| Foreign Language | 3 | Foreign Language | 3 | Speech | 3 |
| Physical Education | 1 | Physical Education | 1 | Foreign Language | 3 |
| Philosophy (Ethics) | 3 | | 15 | Physical Education | 1 |
| | 17 | | | | 18 |

### Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Economics | 4 | Introduction to Drama | 3 | History of the United States | 3 |
| Introductory Biology | 4 | American National Government | 5 | Electives | 6 |
| Logic | 4 | Health Education | 3 | State and Local Government | 5 |
| Fundamentals of Mathematics | 3 | Fundamentals of Mathematics | 3 | Fundamentals of Mathematics | 3 |
| | 15 | | 14 | | 17 |

The above program will complete all of the general studies requirements except six quarter hours of science and six quarter hours of humanities. Students who are unable to take the above courses should take work in science and humanities.

Admission to most law schools in future years will ordinarily require a bachelor's degree. For this reason, all pre-law students should elect a major upon completion of the general studies requirements. Most law schools do not define any limits, group of majors, or even courses which a student must have for admission. Most of them are interested in students with a liberal education emphasizing the development of skill with language, reasoning power, and a broad knowledge of human institutions. While this leaves the student considerable leeway in selecting an academic area of concentration, it should be emphasized that the selection of a major for an individual interested in law can be a delicate matter to be carried out in the light of all the help available from his pre-legal advisor, lawyer friends, and even the law schools in which he is interested.

Students who enter into a collegiate program effective with the 1968 Fall Quarter or thereafter and who expect to graduate from the College of Liberal Arts and Sciences are required to complete either two years of foreign language and one year of mathematics or two years of mathematics and one year of foreign language. The foreign language and mathematics requirement may be completed at the student's discretion. However, it is recommended that they take two years of foreign language.

## PRE-MEDICAL TECHNOLOGY (Pre-professional)
## COLLEGE OF LIBERAL ARTS AND SCIENCES

### First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Anthropology | 4 | World Geography | 4 | World Literature for Composition | 3 |
| Art Appreciation | 3 | English Composition | 3 | Speech | 3 |
| English Composition | 3 | Physical Education | 1 | Physical Education | 1 |
| Physical Education | 1 | General Chemistry & Qualitative Analysis | 5 | General Chemistry & Qualitative Analysis | 5 |
| Health Education | 3 | College Algebra & Trigonometry | 5 | College Algebra & Trigonometry | 5 |
| | 14 | | 18 | | 17 |

### Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| General Psychology | 4 | Introductory Biology | 4 | Introductory Biology | 4 |
| Philosophy (Ethics) | 3 | Modern Literature | 4 | Introduction to Sociology | 4 |
| Introduction to Poetry | 3 | Foreign Language | 3 | Foreign Language | 3 |
| Foreign Language | 3 | Organic Chemistry | 4 | General Quantitative Analysis | 5 |
| Organic Chemistry | 4 | | 15 | | 16 |
| | 17 | | | | |

The above program will complete all of the general studies program except six quarter hours of social studies and six quarter hours of humanities. Students who are unable to take any of the above courses should take courses in social studies and humanities.

A student who completes the above program at Southern Illinois University may transfer in his fourth year to a professional school approved by Southern Illinois University and transfer 48 quarter hours of C grade credit back to Southern Illinois University for senior level credit toward his major and bachelor's degree.

Students who enter into a collegiate program effective with the 1968 Fall Quarter or thereafter and who expect to graduate from the College of Liberal Arts and Sciences are required to complete either two years of foreign language and one year of mathematics or two years of mathematics and one year of foreign language.

## PRE-MEDICINE (Pre-professional)
## COLLEGE OF LIBERAL ARTS AND SCIENCES

### First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Anthropology | 4 | World Geography | 4 | World Literature for Composition | 3 |
| Art Appreciation | 3 | College Algebra & Trigonometry | 5 | Speech | 3 |
| English Composition | 3 | Physical Education | 1 | College Algebra & Trigonometry | 5 |
| Physical Education | 1 | General Chemistry & Qualitative Analysis | 5 | Physical Education | 1 |
| Health Education | 3 | | 15 | General Chemistry & Qualitative Analysis | 5 |
| | 14 | | | | 17 |

### Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| General Psychology | 4 | Introductory Biology | 4 | Introductory Biology | 4 |
| Introduction to Drama | 3 | Modern Literature | 4 | Introduction to Sociology | 4 |
| Philosophy (Ethics) | 3 | Foreign Language | 3 | Foreign Language | 3 |
| Foreign Language | 3 | Organic Chemistry | 4 | General Quantitative Analysis | 5 |
| Organic Chemistry | 4 | | 15 | | 16 |
| | 17 | | | | |

The above program will complete all of the general studies requirements except six quarter hours of social studies and six quarter hours of humanities (pre-medicine majors are permitted to waive six quarter hours of science at the junior level).

Students who are unable to take any of the above courses are encouraged to take social studies and humanities courses that will complete the general studies requirements.

The total minimum credit hours required for graduation in this program are ordinarily 194, of which 64 must be on the 300 and 400 level. A candidate for the bachelor's degree must have completed at least 144 hours before going to a professional school and this requirement holds regardless of whether any general studies courses have been waived or advanced standing granted.

Students who enter into a collegiate program effective with the 1968 Fall Quarter or thereafter and who expect to graduate from the College of Liberal Arts and Sciences are required to complete either two years of foreign language and one year of mathematics or two years of mathematics and one year of foreign language.

## PRE-VETERINARY (Pre-professional)
## COLLEGE OF LIBERAL ARTS AND SCIENCES

### First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introduction to Anthropology | 4 | World Geography | 4 | World Literature for Composition | 3 |
| Music Understanding | 3 | English Composition | 3 | Speech | 3 |
| English Composition | 3 | Physical Education | 1 | Physical Education | 1 |
| Physical Education | 1 | General Chemistry & Qualitative Analysis | 5 | General Chemistry & Qualitative Analysis | 5 |
| Health Education | 3 | College Algebra & Trigonometry | 5 | College Algebra & Trigonometry | 5 |
| | 14 | | 18 | | 17 |

### Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| General Psychology | 4 | Introductory Biology | 4 | Introductory Biology | 4 |
| Philosophy (Ethics) | 3 | Introduction to Drama | 3 | Introduction to Sociology | 4 |
| Modern Literature | 4 | Foreign Language | 3 | Foreign Language | 3 |
| Foreign Language | 3 | Organic Chemistry | 4 | General Quantitative Analysis | 5 |
| Organic Chemistry | 4 | | 14 | | 16 |
| | 18 | | | | |

The above program will complete all of the general studies requirements except six quarter hours of social studies and six quarter hours of humanities (pre-veterinary majors are permitted to waive six quarter hours of science at the junior level).

Students unable to take the above courses are encouraged to take social studies and humanities courses which will complete the general studies requirements.

Students who enter into a collegiate program effective with the 1968 Fall Quarter or thereafter and who expect to graduate from the College of Liberal Arts and Sciences are required to complete either two years of foreign language and one year of mathematics or two years of mathematics and one year of foreign language.

## PRE-VETERINARY (Pre-professional)
## SCHOOL OF AGRICULTURE

### First Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Music Understanding | 3 | Philosophy (Ethics) | 3 | History (Western Civilization) | 4 |
| English Composition | 3 | English Composition | 3 | World Literature for Composition | 3 |
| General Chemistry & Qualitative Analysis | 5 | General Chemistry & Qualitative Analysis | 5 | Speech | 3 |
| College Algebra & Trigonometry | 5 | College Algebra & Trigonometry | 5 | Physical Education | 1 |
| | 16 | | 16 | General Chemistry & Qualitative Analysis | 5 |
| | | | | | 16 |

### Second Year

| Fall | Hours | Winter | Hours | Spring | Hours |
|---|---|---|---|---|---|
| Introductory Biology | 4 | Introductory Biology | 4 | American Government | 4 |
| History (Western Civilization) | 4 | Introduction to Economics | 4 | Foreign Language | 3 |
| Foreign Language | 3 | Foreign Language | 3 | Contemporary Environment | 3-4 |
| Organic Chemistry | 4 | Organic Chemistry | 5 | General Quantitative Analysis | 5 |
| Physical Education | 1 | Physical Education | 1 | | 15-16 |
| | 16 | | 17 | | |

Students who are unable to take courses listed above should attempt to take courses that will satisfy the remaining general studies requirements. These are six quarter hours of social studies, nine quarter hours of humanities and three quarter hours of health education (pre-veterinary majors are permitted to waive six quarter hours of science at the junior level).

A major may be completed in the fourth year by choosing the science option (48 hours in Agriculture of which 36 hours will be in the department of his choice).

NOTE: TRANSFER STUDENTS are required to have by graduation a minimum of one course in each of the following: College Algebra, Botany or Biology, Chemistry, Economics, and Speech.